

CHAPTER 27

RESEARCH AND RECORDS MAINTENANCE

Section 27A—ITEM AND PART NUMBER DETAIL RECORD LOADS.

27.1. Chapter Summary.

27.1.1. This chapter explains specific procedures of Research and Records Maintenance, which are separate elements in Demand Processing.

27.1.1.1. Research. [Section 27A](#) and [Section 27B](#) explains the primary responsibilities and procedures of Research. Among its various responsibilities, Research identifies requested items to a national stock number (NSN); initiates inputs to load new item records; researches inputs that have rejected because the item record was not loaded; acts as a single point of contact for technical publications requirements and distribution for Chief of Supply activities. Also, it maintains a current central research file of stock lists and supply publications, a current publications index file, and a limited working file of specifications, standards, and drawings required for research purposes. (For more information about Research responsibilities, see chapter 2, [section 2G](#).)

27.1.1.2. Records Maintenance. [Section 27C](#) through [Section 27T](#) describe the general and specific procedures of Records Maintenance. Among its responsibilities, Records Maintenance maintains and updates the internal records of the SBSS ([Section 27D](#) through [Section 27G](#)); maintains the Stock Number Directory (M14/NGV814) ([Section 27H](#)); establishes and maintains interchangeable and substitute groups (ISGs) ([Section 27I](#)); establishes and maintains frozen item records, transportation data, and other indicative data ([Section 27J](#) through [Section 27O](#)). Also, it processes shipping destination records, organization cost record, and other records ([Section 27P](#) through [Section 27S](#)); and prepares, controls, processes, and follows up on AF Forms 86, Request for Cataloging Data/Action. (For more information about Records Maintenance responsibilities, see chapter 2, [section 2G](#).)

27.2. Overview. Section Summary. This section first provides instructions for loading item records. Next, it gives instructions for loading, changing, and deleting part number detail records.

27.3. Scope of Operation. The Research and Records Maintenance process and update records for all items managed in the SBSS.

27.4. Record Load Preparation and Processing.

27.4.1. Item Record Load. Procedures for preparing and processing item record loads are contained in Document Flow for Item Record Loads ([Attachment 27A-1](#)).

27.4.2. Noncataloged Items. Research and processing actions for noncataloged items are outlined in [Section 27B](#).

27.4.3. Part Number Load. The procedures for preparing and processing part number to stock number load are contained in Part Number Detail Record Load, Change, or Delete Format ([Attachment 27A-4](#)).

27.5. Changes to Item Records.

27.5.1. Part Number Data. [Section 27A](#) explains the procedures for preparing and processing part number loads, changes, and deletes.

27.5.2. Indicative Data. [Section 27D](#) through [Section 27T](#) explain the procedures for preparing and processing changes to essential data on item, detail, and support records.

27.6. General Procedures for Loading Item Records.

27.6.1. Conditions for Item Record Loads. In general, load new item records after a management or reject notice output indicates that the item record is not in the SBSS database. An exception to this loading procedure occurs when special support requirements, such as an Initial Spares Support List (ISSL)/Wholesale Contractor Initial Spares List (WCISL), are loaded. Procedures for processing such exceptions are contained in the chapter covering the particular requirement.

27.6.2. Document Flow for Item Record Loads. [Attachment 27A-1](#) explains document preparation and flow for an item record load.

27.6.3. Required Research for Item Record Loads. Before you load a new item record, you must first check the Stock Number Directory, stock lists, and other related technical publications to validate the stock number; to determine indicative data, codes, nomenclature, etc.; and to prepare the TRIC FIL creation forms (see [Attachment 27A-2](#)).

27.6.4. Loading of Part Number Detail Record. A part number detail record will be loaded at the time of a new item record load for all NSN, part numbers, and P serialized numbers which resulted from a part number request.

27.6.5. Cataloging and Standardization Center (CASC) Helpline. For logistics data research situations where neither FEDLOG nor D043 is available and/or sufficient, CASC Helpline (an AFMC organization) may be contacted. The CASC Helpline can assist by finding replacement stock numbers, determining part number to stock number cross references, locating information required for TRIC "FIL" inputs and related situations. This service is available to all DOD agencies and contractors holding a current U. S. Government contract and is currently available on a nonreimbursable basis. The CASC Helpline can be reached at DSN: 932-HELP (4357), commercial: (616) 961-4357, fax: DSN 932-7252, e-mail: casc911@casc.af.mil, or via the electronic Bulletin Board System (BBS) at DSN 932-4340. Questions concerning the quality of service the CASC Helpline provides can be referred to the aforementioned contact points, attention "CUSTOMER ADVOCATE".

27.7. Specific Data for Specific Item Loads.

27.7.1. Nonstock Listed Part Numbered Items. Use [Section 27B](#) to determine what data to include on item records for nonstock listed part numbered items.

27.7.2. Vehicle Items.

27.7.2.1. JCA coded items. If data are unavailable to load vehicle items coded JCA, then Equipment Management must furnish the information.

27.7.2.2. Budget code V. Assign budget code V to vehicles.

27.7.3. Loads with Incorrect Data. When the input quantity unit pack code, shelf life code, or application codes are invalid (incorrect), load the item record without them. Management notice F302 will be produced when there are any unacceptable data. See chapter 3 for specific codes.

27.7.4. TCTO Kits.

27.7.4.1. RIC for TCTO are assigned according to assembly. If HQ USAF directs the kit to be assembled, then assign JBD to the item record. If an AFMC IM directs the assembly, then assign that manager's RIC to the item record.

27.7.4.2. Use ERRCD XD2 to load TCTO kit item records.

27.7.5. Loading Other Service-Managed Repairable Items. Other service-managed assets where the Air Force is not a known user, and the reparability code for the item equates to an Air Force ERRC of XD2 or XD4, will be loaded using ERRC codes XF3 and NF3, respectively. In addition, an excess exception code 1 and a shipment exception code 2 will be assigned to the item record to preclude automatic transfer of assets to DRMO and allow IM disposal authority.

27.8. Health Hazard Items.

27.8.1. Caution must be used when loading and ordering hazardous materiel. Hazardous items are normally approved and ordered through the Hazardous Materiel (HAZMAT) Pharmacy, however the time to identify a potentially hazardous item is when the item record is initially loaded. Two sources of information available to help accomplish this are Federal Standard 313 and the Federal Logistics Information System.

27.8.1.1. Federal Standard 313 contains two tables that can be used as guides to identify potentially hazardous items. Table I contains Federal Supply Classes in which most items are hazardous and require a Materiel Safety Data Sheet (MSDS). Table II contains additional Federal Supply Groups and lists some examples of items that may be hazardous within those FSGs.

27.8.1.2. The Federal Logistics Information System (FLIS) also identifies potentially hazardous items in the form of a Hazardous Materiel Identification Code (HMIC). The HMIC is only a flag to advise users that an item may be hazardous. It does not identify the nature or degree of the hazard. For an explanation of Hazardous Materiel Identification Codes (see [Attachment 27M-2](#)).

27.8.2. Federal Standard 313 and HMICs listed in the Federal Logistics Information System should only be used as a guide. Definitive guidance on hazardous substances must be provided by the Base Environmental Flight (BEF). All potentially hazardous items must be reviewed by the BEF to ensure correct issue exception codes are loaded. For specific guidance on handling and ordering hazardous materiel, contact the HAZMAT Pharmacy or a supply inspector.

27.9. Exception Codes.

27.9.1. ERRC XBx or NFx Items. **NOTE:** The ERRC, budget, and controlled item codes are the selection criteria for items which may be located in the BSS and the IEE. Local management will decide which items to manage in the general outlet.

27.9.1.1. IEX code 3/K. For ERRC XB, or NF1 items that have budget code 9 and a controlled item code U, M, J, or * (asterisk), use IEX 3 or K. Issue exception code 3 or K applies to items that are stored in the Base Service Store.

27.9.1.2. IEX code 6/E. For ERRC XB, or NF1 items that have budget code 9 and a controlled item code U, V, J, or * (asterisk), use IEX 6 or E. Issue exception code 6 or E applies to items that are stored in Individual Equipment.

27.9.2. Retail Outlet Items. Retail outlet will annotate reject 295 for items meeting Base Service Store (BSS) restrictions with 3/K or 6/E. This code must be entered in the FIL input if so annotated.

27.9.3. Requisition Exception Code 2. Requisition exception code 2 will not be stored on the item record unless the first two positions of the routing identifier code are JB.

27.10. Acquisition Advice Code (AAC).

27.10.1. Indicates how (as distinguished from where) and under what restrictions an item will be acquired. The AAC will reflect applications of three basic methods: (1) by requisition; (2) by fabrication or assembly; (3) or by local purchase. See chapter 3, [attachment 3A-10](#), for a list of codes. For a more thorough explanation of the codes see [volume 1, part 1, chapter 7, attachment 7E-5](#).

27.10.2. AAC Assignment. Only SNUD processing (DIC BMx, BVE, BV4) will assign acquisition advice codes.

27.10.3. Requisition Restrictions. Knowing how an acquisition advice code works will help prevent requisitioning delays. Certain codes indicate the item cannot be requisitioned. If the code is ignored, the base will experience a requisition delay. To prevent such a delay, see [volume 1, part 1, chapter 7, attachment E-5](#), for how and under what restrictions an item will be acquired. For example, if an item appears in the ML-C with an AAC of M, then tell the requester that the requested item is coded for restricted requisitioning. This code directs that the item requested cannot be requisitioned unless the activity is authorized to perform major overhaul functions.

27.11. Equipment Management Codes (EMC).

27.11.1. Definition. Equipment management codes (EMC), which are distributed in the SNUD, identify what equipment a base must account for and what kind of reporting (if any) the equipment requires. Although the EMC appears on the item record in the last position of the ERRCD, it is not part of any ERRCD, unit cost, or source of supply. The following are the five categories of EMC:

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Table 27.1. EMC Codes.

EMC	REQUIREMENTS
1	No in-use details required; no reporting.
2	Item coded EMC 1 in the cataloging systems for which MAJCOM has directed or approved the maintenance of EMC 2 will be assigned only at base level and will constitute an override of EMC 1; in-use details required, no reporting.
3	In-use details required; overlay/transaction reporting.
4	In-use details required; asset reporting.
5	In-use details required; serial number reporting.

27.11.2. Assigning EMC. [Attachment 27A-5](#) presents guidelines for assigning EMC.

27.11.3. Challenging SNUD Data. If required to do so, Records Maintenance will challenge SNUD data using the 093 management notice provided by Equipment Management (EMS) (see chapter 22, [section 22E](#)).

27.11.3.1. Records Maintenance will verify the indicative data, other than EMC changes, and, if required, prepare an AF Form 86 (see [Section 27T](#)).

27.11.3.2. EMC assignment challenge. Any AFEMS (C001) user can challenge the EMC assignment by inputting into the AFEMS (C001) the EMC change request (IREC) online transaction. The AFEMS (C001) will send an e-mail message to HQ AFMC through the initiator's parent major command to review and validate an EMC challenge request. An additional e-mail notice will be provided to the initiator and evaluator, advising them of the final disposition. AF Form 86 will not be used to challenge EMC codes. If notified by the initiator, Records Maintenance will load an asterisk (*) in the first position of the item record nomenclature field (NF2/ND2 only). Indicative data will remain the same. When you receive verification of the management data, process an indicative data change if required and notify EMS. **NOTE:** If position 7 is not a 1 and position 52 is equal to S or U of the BVE/BV4, then the asterisk (*) will be removed during SNUD processing.

27.12. Avoiding Reject Conditions.

27.12.1. Required Supporting Records. Before you load an FIL input, the following support records and related input/data codes must be loaded. Without these records, the FIL input will reject.

27.12.1.1. Routing identifier record

27.12.1.2. Exception phrase record (when input contains exception codes)

27.12.1.3. FSC and MMC records

27.12.2. Required Data Formats. If essential data are blank or incorrectly loaded, a reject will occur. Use the following information to load essential data correctly.

27.12.2.1. Stock number structure must conform to the formats shown in Definitions of Data Elements for FIL Input ([Attachment 27A-3](#)). The NIIN portion of any stock number must NOT be loaded with a different FSC and/or MMC.

27.12.2.2. ERRC designator and budget code must be valid and compatible or reject 100 will occur. See chapter 7, reject 100 for further information.

27.12.2.3. Unit price must be numeric and greater than zero.

27.12.2.4. Unit of issue must be alpha.

27.12.2.5. System designator must be 01 or alpha/numeric.

27.12.2.5.1. If the system designator is alpha/numeric, the satellite organization record must be in the SBSS database.

27.12.2.5.2. If the type stock number account code is K, the system designator must be 01 or A1-A9.

27.13. Loading Records In Multiple System Designators.

27.13.1. The procedures outlined below explain how to ensure compatibility of data between similar records in multiple systems. For example, like data may be in host, satellite, or forward supply point (FSP) systems.

27.13.2. Satellite System Designator. Satellite item records may be loaded through the satellite terminal when the satellite system designator is used. The input is subject to edits and restrictions common to all FIL inputs. If local procedures direct that (CSB) Records Maintenance update the satellite Stock Number Directory, satellite Research will insert CSB Records Maintenance terminal number into positions 179-181 of the FIL input.

27.13.3. Input Elements in SBSS Data Base. When the input item is in the SBSS database with a different system designator, subject to the restrictions outlined in [Section 27B](#) internal records are considered to be correct. Its indicative data (including unit of issue, price, routing identifier code, budget code, ERRCD, shelf life, airlift investment code, transportation packaging order (TPO) data, and nomenclature) are duplicated on the input record. **EXCEPTION:** L and P serialized number item loads. The serial number in positions 6-11 and the stock record account number in positions 12-15 are unique to each system designator. Item records for these items are not loaded across system designators.

27.13.4. System Designator and NIIN. Internal programs will allow you to load only 01 and satellite system designators. You cannot load a stock number (NIIN portion in more than one FSC/MMC. You can load a stock number in multiple system designators only if the FSC/MMC are also equal.

27.13.5. ISG. If ISG grouping applies, it will be accomplished by an FIS input. See [Section 27I](#) for more information.

27.14. Program Control Assignments.

27.14.1. Assigned Zeros. Under program control, zeros will be assigned to the serviceable balance field and the number of demands fields; zeros will also be assigned to the demand level, and cumulative recurring demands.

27.14.2. DOLT and DOLI. The current date will be assigned to DOLT and DOLI fields.

27.14.3. Budget Code for General Supply Management Activity Group (SMAG) Items. A budget code is internally assigned for general SMAG items (see [Attachment 27A-3](#)).

27.14.4. Codes for Type Stock Record Account Code P Items. Controlled item code U, routing identifier code S9F (for AVFUELS) or JBP (for ground fuels), ERRCD XB3, and type cargo code J are automatically assigned to type stock record account code P items.

27.14.5. Miscellaneous Fields. Warehouse location, national motor freight classification code (NMFCC), file status code, DOFD, bench stock indicator, freeze code, and type cargo code will be assigned blanks. In addition, DOLD, date of last releveing, O&ST, releveing indicator, and all unused fields are assigned blanks.

27.15. Program Control Record Load or Creation.

27.15.1. Overflow Adjunct Item Records. If required, overflow adjunct item records (-9 in positions 14-15 of an NSN) are normally loaded under program control. Item records with -9 in positions 14 and 15 of the stock number are considered as overflow adjunct records only when the first 11 positions are a valid NSN. These records will always have a unit of issue of MX, which means one thou-

sand times the basic unit of issue (see [Attachment 27A-3](#)). The EEX, IEX, REX, and SEX for these records will be blanked under program control.

27.15.2. Fuels Management/Fuels Price Stabilization Record. When an item record is loaded for bulk fuels, type stock record account code P, a fuels management and fuels price stabilization record is established under program control.

27.15.3. Repair Cycle Records. Repair cycle records are automatically established for ERRCD XD and XF, except adjunct (-9) item records. RPT is automatically stored in the reparable destination/disposition code field. This causes excess items to be reported for disposition instructions until a BDR, reparable item movement control image, is processed. See [Section 27U](#) for more information.

27.16. Output Products.

27.16.1. Daily Document Register (D04). The Daily Document Register is to be used as follows:

27.16.1.1. To update the Stock Number Directory (M14).

27.16.1.2. To check the accuracy of the input for records maintenance programs that update internal records and create a transaction history. These programs do not output a completed action notice. Thus, you must use the Daily Document Register (D04) to purge the suspense files. The letter Y in the first position of the document number identifies the transactions you must check.

27.16.2. Management Notices. Management notices are produced as explained in this chapter. When you input data to correct a reject condition, you may code the input FIL to provide a load notice to the unit having the suspended reject, provided the unit has a terminal. Management notice F304 will be printed on the terminal indicated in positions 179-181 of the input.

27.16.3. SNUD Add Images. SNUD add images are produced when the loading record qualifies for the SNUD program and is not already loaded with another system designator. See [Section 27H](#) for complete information.

27.16.4. Exception Control Images (ECC). ECC images are also produced if requested by the FIL input. (For more information, see [Attachment 27A-2](#).)

27.17. Part Number Detail Record Load, Change, or Delete.

27.17.1. Conditions for Loading a Part Number Detail Record. To automate the part number to stock number cross-reference file, a part number to stock number conversion record (part number detail record--record code 222) must exist. This conversion record will change the part number to a stock number under program control, thus eliminating external research action. You must load a part number detail record under the following conditions:

27.17.1.1. A part number detail record has to be loaded when you load a part number item record (FIL) so that A0B/A02 requisitions are created in lieu of A0E/A05 requisitions.

27.17.1.2. When you load a new item record for an NSN or P serialized numbered item that was requested from a technical order by a part number as a recurring demand.

27.17.1.3. When you want to identify a specific user/end item application for a part number/stock number that is not P serialized.

27.17.1.4. All other part number loads will be a MAJCOM/Chief of Supply option.

27.17.1.5. A part number detail record has to be loaded when you load a part number item record (FIL) in order that A0B/A02 requisitions are created in lieu of A0E/A05 requisitions. The CAGE and technical order (TO) data are used in creating these type requisitions. If a part number record is not on file, the program cannot generate the correct type requisitions due to lack of available data.

27.17.2. Results of Loading a Part Number Detail Record.

27.17.2.1. Item record matching. When a part number detail record is loaded, it will be matched via ITM-PRT, which transmits the information to the affected item record in the SBSS database based on the input system designator.

27.17.2.2. Multiple part number relationships. Multiple part number relationships to the same stock number may be established.

27.17.2.3. Automatic updating. The stock number field of part number detail records will be updated automatically by SNUD or as a result of local processing of a stock number change. (See part 4, chapter 5, [attachment 5C-5](#) and [attachment 5D-22](#) for additional information.)

27.18. Part Number Loading Data.

27.18.1. The data element requirements for detail record loads are as follows:

27.18.2. Part Number. A part number is usually taken from a drawing, technical order, or specification. However, any combination of 1 to 32 characters may be used, such as an item description (for example, door-6FT8IN-x36IN-hollow core or paint-blue-lacquer-QT). Keep in mind that a part number cannot be edited once its record has been loaded. The records for all part numbers which equate to the same stock number will be loaded to the SBSS database(s) and related to the applicable item record. See [volume 1, part 1, chapter 7](#), for more part number information. **NOTE:** Two digit (numeric) part numbers 00-99 are restricted to 'P' account National Stock Numbers issued at the automated service station only. See [Attachment 27B-8](#) for assignment of a part number.

27.18.3. Commercial and Government Entity. The manufacturer's identification code will always be the required five-digit commercial and government entity (CAGE). These codes are defined in the Federal Cataloging Handbook H4-1 and H4-2. When an CAGE cannot be determined, use ZZZZZ in the appropriate positions.

27.18.4. User/End Item Application. In this 19-position field, enter a TO number, drawing number, specification number, or any data that will help local management determine the use of a basic item record.

NOTE:

If the CAGE is all numeric, the TO field cannot be blank.

27.18.5. Stock Number. The only restriction on this 15-position field is that the basic item record must be loaded. Enter the technical manual number, figure and index. Program logic will automatically relate the part number detail record to the affected item record, based on the input stock number and system designator.

27.18.6. Input Flag. The input flag must be L.

27.18.7. System Designator. Part numbers are system designator unique and must be separately loaded for each system designator requested.

27.18.8. Allowance Standards P Numbered Noncataloged Stock Numbers. Implementing commands must provide item descriptions to applicable bases for P numbered stock numbers placed in allowance standards prior to assignment of national stock numbers. The occurrence of P numbered stock numbers in allowance standards should be exceptional rather than regular practice and should only occur during Support Equipment Requirements Document (SERD) processing.

27.19. Part Number Change Process.

27.19.1. Part Number Change. To change a part number, enter the original part number in positions 5-36, the stock number in positions 37-51, system designator in positions 71-72, the CAGE (from the part number detail record that is being changed) in positions 73-77, and the change-to part number in positions 78-109. The type input indicator must be P (see [Attachment 27A-4](#) for the format).

27.19.2. User or End Item Change. To change the user or end item application, do the following:

27.19.2.1. Enter the part number as it appears on the part number detail record in positions 5-36, change-to user/end item application in positions 52-70, system designator in positions 71-72, and the CAGE in positions 73-77.

27.19.2.2. To blank this field, enter an asterisk (*) in position 52. If the CAGE is all numeric, do not blank the user/end item application field.

27.19.2.3. Use type input flag C.

27.19.3. CAGE Change. To change the CAGE, process a change input as follows:

27.19.3.1. Enter the part number as it appears on the part number detail record in positions 5-36, system designator in positions 71-72, change-from CAGE in positions 73-77, and the change-to CAGE in positions 78-82.

27.19.3.2. Use type input flag C.

27.19.4. Stock Number Field Change. The stock number field cannot be changed with a change input. To change this field, process a delete input and then a new load input.

27.20. Part Number Delete Process.

27.20.1. Enter the part number in positions 5-36, stock number in positions 37-51, system designator in positions 71-72, and CAGE in positions 73-77.

27.20.2. Use type input flag D.

27.21. Part Number Reject Conditions.

27.21.1. Avoiding Rejects. To avoid a reject notice, the input must meet the following conditions:

27.21.1.1. The basic item record must be loaded.

27.21.1.2. The first position of the part number cannot be blank.

27.21.1.3. If the manufacturer's code is all numeric, the TO field cannot be blank.

27.21.1.4. The input stock number cannot be for an adjunct item record (-1, -2, or -9).

27.21.1.5. The fifth position of the input stock number cannot be L, W, or X.

27.22. Part Number Item Record Output Notices. No output notice is produced when the input is processed through the COMPUTER OPERATIONS /main system. Reject notices are produced when applicable.

Section 27B—RESEARCH AND PROCESSING ACTIONS REQUIRED TO ASSIGN STOCK NUMBERS TO NONCATALOGED ITEMS.

27.23. Overview. Noncataloged items consist of part number items, nonnational stock number (NSN) items, and nonstock listed items. This section describes the procedures Research must follow to assign a stock number to a noncataloged item. [Section 27B](#) describes the purpose of the Standard Procurement System (SPS, formerly Base Contracting Automated System (BCAS) Listing and how Research can use this listing and other information to research a noncataloged item. This section also includes the requirements for completing DD Form 1348-6, Non-NSN requisition (manual) and actions for processing noncataloged transactions.

27.24. Verification of Source Document.

27.24.1. Verify that the source document (DD Form 1348-6, etc.) contains all necessary data elements to complete the research action (that is, if a TO reference is given, the figure and index must be included). If a TO reference gives a nonprocurable source code, Maintenance must provide AFTO Form 22. (See TO 00-5-1, chapter 5.) If a sole source or brand name is specified, the customer must provide a letter of justification.

27.24.2. Insufficient Data. If the data are insufficient, return the document to the requester.

27.24.3. Sufficient Data. If there are sufficient data, proceed with specific research actions outlined below for part number items, non-NSN items, and nonstock listed items.

NOTE:

Identify hazardous materiel according to directions in [Attachment 27B-5](#).

27.25. Research Actions for Part Number Item Requests.

27.25.1. To assign a stock number to a part number item, take the following actions:

27.25.2. Verifying Part Number Structure. Be sure the part number is structured as follows:

27.25.2.1. If the manufacturer's part number is ten digits or less, use the federal supply class, a P, and the manufacturer's part number.

27.25.2.2. If the manufacturer's part number is greater than ten digits, use the FSC, a P, and a base-assigned serial number, and the base SRAN.

27.25.2.3. If the structure is incorrect, correct it and then verify that the part number is not already loaded with the correct structure.

27.25.2.4. If characters are obviously missing from the standard part number structure, return the request to the customer for correction.

27.25.3. Validating or Assigning the Commercial and Government Entity (CAGE). Use the DOD Cataloging Handbooks H4/H8 to validate or assign the CAGE. If the request contains a TO reference, use the CAGE cited in the TO. If you cannot identify an CAGE for a part number, include the

TO, figure, and index number on the request. This referenced information enables system equipment specialists to positively identify the item requested. To assign an CAGE, use the following guidelines:

27.25.3.1. If the part number contains a military specification prefix, assign one of the following CAGE:

Table 27.2. Prefix and CAGE.

SPECIFICATION PREFIX	CAGE
MS (Military Standard)	96906
NAS (National Aeronautical Standard)	88205
AN (Army-Navy Standard)	88044
Other	81349

NOTE:

CAGE 81349 is assigned only to items designed to a military specification. Use this code only when other codes listed above are not appropriate. DO NOT apply this code to commercial items.

27.25.3.2. If an CAGE cannot be identified, assign local code ZZZZZ. **NOTE:** It is critical that you identify the CAGE of the piece parts if possible; that is, do not automatically assign the CAGE for the original equipment manufacturer (OEM). Piece parts and end items are rarely made by the same manufacturer. The same is true for piece parts and the next higher assembly. However, if you cannot identify the CAGE of the piece part, go to the next higher assembly.

27.25.4. Verifying Provisioning Source Code. If a source document cites a technical order/technical publication, determine and verify the provisioning source code (PSC) and take appropriate action (see [Attachment 27B-6](#)). AFMC actions on requisitions for each PSC are described in [volume 3, part 3, chapter 16, attachment 3](#).

27.25.5. Converting the Part Number to an NSN. Screen the part number and the CAGE against the DOD Master Cross-Reference List (C-RL-1) in an effort to convert the part number to an NSN. If several NSN are listed for a single part number and CAGE, use the FSC as a guide. Before you assign the NSN, check the description of the requested item to be sure that the item you found is in fact the same as the one requested.

27.25.6. Checking for Prior Load of Part Number. If the part number does not match an NSN in the (FEDLOG), screen the number against the non-NSN control file of DD forms 1348-6 to determine if a part number record has previously been established. If so, verify that the item record is still loaded and advise the initiator (Demand Processing, Receiving, etc.) to reinput.

27.25.7. Checking for Prior Conversion of Part Number. If you cannot find a part number record, research Stock Number Directory postings, document/transaction registers, etc. to see if the part number has been converted to an NC, ND, or NSN. If the part number has been converted, tell the initiator that the correct stock number is loaded.

27.25.8. Loading Part Number Item Record. If, after thorough research, you cannot convert the part number to a loaded stock number, complete DD Form 1348-6 (as instructed in [Section 27B](#) and [Attachment 27B-4](#)). Load the part number item record as described in [Section 27A](#).

27.25.9. Loading 11N Series Technical Order. If an 11N series technical order is shown on DD Form 1348-6, you will normally load the part number item record using type account code K.

27.25.9.1. Use B or E account codes, depending on the ERRC, when any of the following occurs:

27.25.9.1.1. A CP cancellation notice is provided to Demand Processing

27.25.9.1.2. The munitions accountable supply officer (MASO) certifies in writing that the source of supply is local purchase or manufacture after giving verbal confirmation.

27.25.9.1.3. The applicable page of the TO is provided to confirm that the source of supply is local purchase or manufacture.

27.25.9.2. Look for a national stock number. Before you assign and load a part number item record for an 11N series TO, look for a national stock number (NSN) by screening the part number request against the basic issue cross-reference listed in the unclassified portion of the C1100-ML/IL-AF(CM) (Nuclear Ordnance). Most of the reference/part numbers used in the 11N Series Technical Orders are not listed in the DOD Master Cross-Reference List (C-CR-1).

27.25.9.3. Prepare an interrogation by commercial and government entity (CAGE)/reference number (part number). When you load the part number item record, prepare an interrogation as outlined in [volume 1, part 1, chapter 7](#).

27.25.10. Verifying AFMC Routing Identifier Codes (RIC). If the part number has an AFMC routing identifier code (RIC) other than F(x)Z or FPK, you must verify that it is correct. If the RIC on the item record load is correct, advise Stock Control that requisitions for these items must contain a 2A advice code in order to bypass Defense Automatic Addressing System (DAAS) edits.

27.25.11. Loading the Part Number Record. When your research reveals that an item record must be loaded, load the part number record at that time. Also, if the part number requested matches an NSN or part number currently in the database, you must load a part number record to link the items.

27.26. Research Actions For National Stock Number Requests.

27.26.1. To assign a stock number to a nonnational stock number (K, L NC, or ND stock numbers) request that does not have part numbers, take the following actions:

27.26.2. Non-NSN Control File Screening. Check the request against the non-NSN control file.

27.26.3. Stock List Data Validating. Validate the stock list data by screening K, NC, and ND items against such publications as technical orders, stock lists, the Master Equipment Management Index (MEMI), etc.

27.26.4. DD Form 1348-6 Processing. If after thorough research, you cannot convert the non-NSN to a stock number which is already loaded, follow instructions for DD Form 1348-6 (see [Attachment 27B-4](#)).

27.27. Research Actions For Nonstock Listed (NSL) Items.

27.27.1. If you identify a national stock number (NSN) for an item after thorough research, but the number does not appear in the AF Management Data List (C-ML-AF), take the following actions:

27.27.2. Seeing if the Number Has Been Replaced. Screen the NSN against the SL-ISG catalogs to determine if a valid stock listed number is contained in an ISG.

27.27.3. Requisitioning Stock Numbered Items. Nonconsumable items (other than ERRCD XB or XF) will be requisitioned by part number to the ALC having responsibility for the applicable -4 technical order or the end item. See [volume 1, part 2, section B, chapter 2](#) (Source of Supply Determinations) for additional information. Requisition consumable items that convert to an NSN, but do not have a DF entry in the C-ML-AF, directly to the source of supply listed in the C-ML-AF when the following conditions apply:

27.27.3.1. The item is not a safety of flight item.

27.27.3.2. The reference/part number as listed in the MCRL-1 is item identifying (reference number category code (RNCC) of 1, 2, or 3 or reference number variation code (RNVC) of 2) or;

27.27.3.3. The reference number from the illustrated parts breakdown (IPB) crosses in the MCRL-1 to one and only one NSN.

27.27.3.4. Requisitioning by Part Number. If the NSN does not appear in the C-ML-AF, or if you have any doubts about the safety of the item, then always requisition by part number. Be sure to use the correct routing identifier for the responsible AFMC item manager, as listed in the appropriate Numerical Index and Requirement Tables (NI&RTS).

27.27.3.5. Submitting AF Form 86. At this time, AF Form 86 is not required. Records Maintenance will submit this form, when required, based on the response from AFMC to the SNUD user add transaction (BDFA).

27.28. SPS (formerly BCAS) Item Descriptions.

27.28.1. An item description is maintained in the SPS/BCAS for each local purchase item ordered by Base Supply for bases supported by a SPS/BCAS. The descriptions are maintained for the following time frames:

27.28.1.1. NSN and P-Numbered items: 24 months after the estimated delivery date (EDD) of the last local purchase receipt.

27.28.1.2. L-Numbered items: 12 months after the estimated delivery date (EDD) of the last local purchase receipt.

27.28.2. Base Supply loads the descriptions for local purchase items into the SPS (formerly BCAS) system when a new item is loaded into the supply system and sends a local purchase requisition to the SPS/BCAS. Since the description for these items are maintained in the BCAS, the Chief of Supply has the option to use the SPS/BCAS system to maintain the non-NSN description file instead of the manual DD Form 1348-6 file required in this section. When this option is used, Base Supply will use the following guidelines:

27.28.2.1. Base Supply can use either the SPS (formerly BCAS) terminal to inquiry the SPS/BCAS when an item description is needed or use a SPS/BCAS Item Listing (when authorized by Base Contracting). If a listing is used, it must be maintained current by obtaining a new listing on a scheduled basis.

27.28.2.2. Base Supply will Maintain a temporary DD Form 1348-6 file for each item loaded into the SPS (formerly BCAS) for 30 calendar days to ensure the description is retained permanently in the SPS/BCAS. Conditions such as incomplete descriptions may result in the description being deleted from the SPS/BCAS. MAJCOMs may specify a different retention period for this temporary file.

27.28.2.3. Base Supply must have an item description for all noncataloged items which are active in the SBSS. If a description is deleted from the SPS (formerly BCAS), a DD Form 1348-6 must be prepared for the item, or the description must be loaded back into the SPS/BCAS.

27.29. Researching Noncataloged Items.

27.29.1. Noncataloged items include part numbers, nonnational stock number (NSN) items, nonstock listed (NSL) items, etc.

27.29.2. Required Research for National Stock Number (NSN) Assignment. Research personnel must thoroughly research stock lists, cross-reference lists, available technical publications (TO, IPB, drawings, etc.), available SPS (formerly CIAPS) listings, and the non-NSN control file in an effort to relate the requested item to an assigned NSN or to a non-NSN item record which is already loaded.

27.29.3. Processing the Request Document with the Proper NSN. If you find an NSN for the item as a result of research, add the stock number to the request document, prepare the source document for item record load, and return the request document to the initiator (Demand Processing, Receiving, etc.) with an attached notification of the load.

27.29.3.1. If an 11N series technical order appears on the DD Form 1348-6, then you will usually not load the stock number in the supply account. **EXCEPTIONS:** If ANY of the following occurs, then load the stock number in the B or E accounts, depending on the ERRC:

27.29.3.1.1. Demand Processing receives a CP cancellation notice.

27.29.3.1.2. The Munitions Accountable Supply Officer (MASO) certifies in writing that the source of supply is local purchase or manufacture when verbal confirmation is received.

27.29.3.1.3. The applicable page of the TO is provided to confirm that the source of supply is local purchase or manufacture.

27.29.4. Researching Sole Source or Brand Name Requirements. In addition to the research outlined in this section, check sole source or brand name requests against commercial catalogs and GSA federal supply schedules.

27.30. Indicative Data For Noncataloged Items.

27.30.1. If Research cannot find a valid stock number through research actions outlined in this section, and if the item has not previously been given a locally assigned number, follow these instructions for determining the entries on DD Form 1348-6.

27.30.2. Stock Number. **Attachment 27A-3** contains the structures of stock numbers used within the SBSS. Following are specific instructions for assigning stock numbers to noncataloged items at the base level.

27.30.2.1. Determine the FSC (the first four positions of all stock numbers) based on the item description and nomenclature as given in the H-2 series of publications. **NOTE:** If an L or P, number is to be assigned, and the item is a brand name or genuine replacement part, assign the stock class of the next higher assembly or end item rather than using the description and nomenclature to determine the stock class.

27.30.2.2. Follow these instructions for items with part/reference numbers:

27.30.2.2.1. Load all items with a commercial and government entity (CAGE) and part number, manufacturer's item identification number, or reference number using the applicable FSC and a P in the fifth position. Assign/verify the CAGE by using DOD cataloging handbooks H4/H8. Automated systems such as FEDLOG and the Master Item Identification Data Base System (D043A), that contain equivalent or more up to date cataloging information, for any element of catalog management data, may be used in lieu of, or in addition to, the DOD cataloging handbooks, where these systems are available. Part number/reference number/item identification structure must follow the Federal Cataloging System Standards published in [volume 1, part 1, chapter 7](#).

27.30.2.2.2. If the part/reference number is ten positions or less and does not duplicate an existing part numbered item, enter the part or reference number immediately following the FSC and the P. **NOTE:** Enter Commercial and Government Entity (CAGE) or ZZZZZ.

27.30.2.2.3. If the part/reference number exceeds ten positions or duplicates an existing part or reference number, use a P serialized number. The P serialized number will be made up as follows: The FSC, a P in the fifth position, the next unused serial number from the serial number ledger, and the base stock record account number in positions 12 through 15. P serialized numbers are assigned from a serial number ledger that is maintained by each stock record account.

27.30.2.3. Follow these instructions for items with no part/reference numbers:

27.30.2.3.1. Assign an L number. Make up the L serialized number as follows: the FSC, an L in the fifth position, the next unused serial number from the serial number ledger, and the base stock record account number in positions 12 through 15. Assign a P serialized number for locally procured EAID when the part/reference numbers are not known. Exceptions are typewriters, portable buildings, and locally manufactured equipment. See [chapter 22](#). L serialized numbers are assigned from a serial number ledger that is maintained for the stock record account code for the system designator of the item record being loaded.

27.30.2.3.2. Change the L number to a P number if a part or reference number is later assigned to the item.

27.30.2.4. Process a stock number change using TRIC FIC when an NSN or service assigned control number (NC, ND, or K) is assigned to a base noncataloged item. **NOTE:** Some stock number changes occur under program control based upon receipt of status. (See chapter 9, [section 9D](#) for requisition status.)

27.30.3. Routing Identifier Codes Assign the routing identifier code (RIC) to a noncataloged item according to the policy given in [volume 1, part 2, chapter 2, section B](#). All personnel who assign routing identifier codes for these items must become familiar with this policy. In determining routing identifier codes for noncataloged items, Research personnel will follow the sequence given in these paragraphs:

27.30.3.1. See if the noncataloged item is listed in a weapon or systems technical order, technical manual, or system managers (SM) catalog or parts list that is either source coded for central procurement, or is not source coded. If it is, assign the Air Force (FxZ) or (FPD) routing identifier code of the technical order or system manager ALC. Also, see that the RIC is consistent with the technical order provisioning source code (PSC) (as outlined in [Attachment 27B-6](#)). For example, if TO PSC is M, the appropriate local manufacturer's RIC must be assigned to this request.

Also, enter the TO reference in the user/end item application. Assign RIC FPK to noncataloged items listed in an 11-N series technical order.

27.30.3.2. Assign an Air Force (FxZ) or (FPD) routing identifier code (RIC) if the noncataloged item is not in TO, and the item is a repair part that can be related to an end item or next higher assembly managed by an AFMC ALC. **NOTE:** To determine if the end item is managed by AFMC, find the RIC for the next higher assembly with an NSN.

27.30.3.3. Assign RIC code JBB (local procurement) or the appropriate local manufacturer's RIC if noncataloged items cannot be related to the above categories of Air Force managed items. Process requisitions for local purchase items according to the policy outlined in [volume 1, part 1, chapter 8](#) and the procedures in chapter 9.

27.30.3.3.1. If local procurement or local manufacture is not possible, assign REX code 2 to the item record. This will cause requisitioning from the centralized FSC IM (AFMC/DLA/GSA) using advice code 2A.

27.30.3.3.2. If items are authorized for procurement through a contract parts store (COPARS), obtain them from that source.

27.30.3.3.3. For commercial administrative vehicles, commercial construction equipment and materiel handling equipment, Demand Processing may load the REX (9, W, or X) at the time of the FIL action. This may be done at the option of the overseas MAJCOM and ONLY if the item is not available locally.

27.30.3.4. Assign the RIC of the service or agency that applies if items can be related to an end item or assembly managed by another service or agency. Requisition from that activity using MILSTRIP procedures.

27.30.3.5. Overseas activities must adhere to balance of payments (gold flow) restrictions, etc. in addition to following the above procedures.

27.30.3.6. Routing identifier codes may be changed after receiving MILSTRIP status from the Defense Automatic Addressing System (DAAS) or from the originally assigned source of supply. One of the more common changes is to local purchase when the original requisition does not contain advice code 2A. Other RIC changes result when you receive a reply to an AF Form 86, the FSC changes, or the item is cataloged.

27.30.4. Nomenclature. Use the following guidelines for assigning nomenclature to a noncataloged item.

27.30.4.1. If an AF routing identifier code (RIC) is assigned and the fifth position of the stock number is P, but it is not a local serialized stock number, enter the nomenclature (32 positions) in this field. The program does not edit for T/O in the nomenclature field. However, the T/O number is used in part number record and should be entered in the user/end item field (positions 160-178 of the FIL format or positions 52-70 of the 1AA format).

27.30.4.2. If a local serialized stock number is assigned, a part number detail must be loaded. **NOTE:** Remember that the first position of the nomenclature CANNOT be blank.

27.30.4.3. Enter a numeric, alpha, alpha/numeric combination, or ZZZZZ Commercial and Government Entity (CAGE) for all part number records. Take this code from the applicable TO.

27.30.4.4. When you cannot locate an CAGE using the above criteria or H4-1, assign ZZZZZ to all routing identifier codes. An error in assignment of ZZZZZ results in an AOE/AO5 document identifier code on output requisitions, which prohibits use of ADRSS for transmission.

27.30.5. ERRC Designator. For noncataloged items, assign the expendability, recoverability, reparability cost (ERRC) designator according to the policy outlined in [volume 1, part 1, chapter 7](#), and the procedures outlined in [Attachment 27B-1](#). The ERRCD must also be consistent with the TO provisioning source code (PSC) (as outlined in [Attachment 27B-6](#)). For example, if the PSC is M1, normally you would assign XD(x) or ND3.

27.30.6. Budget Code. Budget codes assigned to noncataloged items must be compatible with the RIC and the ERRC designator. See [chapter 7](#), reject 100 for compatibility edits. The budget code/routing identifier code combination determines the requisition fund codes (as outlined in [chapter 9, attachment 9A-2](#)).

27.30.7. Unit of Issue/Unit Price. Determine the unit of issue and the unit price by comparing the request against similar items already loaded into the account or listed in the C-ML-AF.

27.30.8. Controlled Item Code (CIC). The CIC assigned to a noncataloged item must be compatible with the controlled item codes (outlined in [Attachment 27K-5](#)).

EXAMPLES: If the noncataloged item is photographic equipment and supplies, assign CIC X if additional controls are warranted (see [Attachment 27K-5](#)). If the item is a hand tool and/or shop equipment, assign code M unless the item has a unit cost of less than \$10.

27.30.9. Precious Metal Indicator Codes. If the requested item contains precious metals, load a precious metals indicator code as explained in [Attachment 27A-2](#). If you do not know if the requested item contains precious metals, check the Federal Supply Group against the groups listed in [Attachment 27B-10](#). If the groups match, contact the requester to determine if the requested asset contains precious metals. If the requested item contains precious metals, load a precious metals indicator code as explained in [Attachment 27A-2](#).

27.30.10. Automated Data Processing Equipment (ADPE). If the requested asset is for one of the Federal Supply Groups listed in [attachment 57 to volume 1, part 4, chapter 1](#), an ADPE identification code must be loaded as outlined in [Attachment 27M-1](#).

27.31. Preparing DD Form 1348-6.

27.31.1. Items Included. Prepare DD Form 1348-6 for all locally assigned (serialized L and P) items; NC, ND, and command assigned stock numbers; nonserialized part number items (P in the fifth position); and any NSN not listed in AF, DOD, or GSA stocklists, or DOD CRL (microfiche). There are five exceptions:

27.31.1.1. Major commands may specify that DD Forms 1348-6 are not required for part number items requisitioned using AO2/AOB procedures.

27.31.1.2. Major commands may specify that DD Forms 1348-6 are not required for DSCC Managed Commercial Auto Parts (Project JZO/ REX code 9).

27.31.1.3. Major commands may specify that DD Forms 1348-6 are not required for NC/ND numbers.

27.31.1.4. At the option of the Chief of Supply, DD Form 1348-1A may be used instead of DD Form 1348-6 for AFMC-managed items only. Procedures for completing the DD Form 1348-1A may be found in [volume 1, part 1, chapter 25](#).

27.31.1.5. At the option of the Chief of Supply, an automated research inquiry may be filed in place of a DD Form 1348-6. This option is only authorized for those supply accounts that have an automated research capability and provided the automated inquiry contains sufficient information to adequately identify the requested item.

27.31.2. Instructions for Completing DD Form 1348-6. Complete the form (as outlined in [Attachment 27B-4](#)). Responsibilities for completing entries, routing the form, and distributing it are explained in the following paragraphs.

27.31.2.1. Requests submitted by voice communication and which do not furnish an NSN must be routed through Research for identification.

27.31.2.1.1. If sufficient technical publications are available for positive identification, Research will initiate the DD Form 1348-6 when an NSN cannot be identified.

27.31.2.1.2. If technical data are not available, or the item is difficult to describe, ask the customer to furnish a photograph or drawing of the item. If identification cannot be made, the customer must furnish the data for initiation of DD Form 1348-6.

27.31.2.2. Routine requests for non-NSN items must be forwarded in the same manner as required for cataloged items. However, the customer must include four copies of a DD Form 1348-6, completed as much as possible.

27.31.3. Actions for Items Source Coded Local Purchase. Research will prepare one copy of DD Form 1348-6 on all stocklisted items source coded local purchase.

27.31.3.1. Prepare this copy when any of the following occurs:

27.31.3.1.1. You process an item record load (FIL).

27.31.3.1.2. FIC processing changes the source to local purchase.

27.31.3.1.3. A customer generates a request.

27.31.3.1.4. The Base Supply representative in Base Contracting notifies you.

27.31.3.2. Hold this form until a requisition is created. The complete catalog description must be furnished by the customer. See [chapter 9](#) on local purchase.

27.31.4. Document Flow. See Document Flow for DD Form 1348-6 on Non-NSN Items ([Attachment 27B-3](#)).

27.32. Non-NSN Control.

27.32.1. Control and Reference File. The DD Form 1348-6 serves as a control and reference file for establishing records to support noncataloged requirements. Complete the form and maintain files for every L, P, NC, and ND item established within the account, except items referenced in above.

27.32.2. Master File. Maintain a master file within Research that contains at least one copy of the DD Form 1348-6 processed according to this paragraph. Normally, this file consists of a hard copy of the DD Form 1348-6. However, the file may be automated and maintained on a microcomputer at the option of the Chief of Supply. When this option is used, local procedures will be developed as a sup-

plement. Local procedures must ensure that the basic guidelines and intent for maintaining the master file are met. Bases which are supported by a SPS (formerly BCAS) do not have to retain descriptions (DD Form 1348-6) on local purchase items if the procedures in this section are used. Autonomous satellite accounts with research capability will maintain their own master files.

27.32.2.1. File part numbered items (P in fifth position) in part number sequence without regard to FSC. You may file P serialized numbers using one of the following options:

27.32.2.1.1. File one copy in part number sequence. (If you choose this option, you must enter part number and CAGE on non-NSN serialized control number ledger.)

27.32.2.1.2. File two copies, one in P serialized sequence, the other in part number sequence as a cross-reference. (If you choose this option, you do NOT have to enter part number and CAGE on the non-NSN serialized control number ledger.)

27.32.2.2. File all other part numbered items in stock number sequence (the same sequence as the Stock Number Directory). **NOTE:** The major command may choose to deviate from the usual filing sequence. Local or command option may establish cross-reference records for use in preparing non-NSN listing in various sequences; for example, part number to NC/ND number, etc.

27.32.3. Screening New Requests Against Master File. Screen new requests for non-NSN items against the master file before further processing. This will prevent the assignment of new serial numbers to identical items already established in the account.

27.32.4. The Non-NSN Control Ledger. Use this ledger to assign six-digit serial numbers to L and P type stock numbers. The ledger is in serial number sequence and includes the following minimum data for each entry:

27.32.4.1. Serial number and assigned FSC.

27.32.4.2. Part number (for P serialized numbers).

27.32.4.3. Commercial and government entity (for P serialized numbers).

27.32.4.4. AF Form 86 control number (if required for local management).

27.32.4.5. Date of deletion (only required if base is reusing the serial number before reaching the maximum 999999).

27.32.5. L&P Serial Number Maintenance and Assignment. Each research function is responsible for the assignment and maintenance of a serial number control ledger for the stock record account code for the system designator of the item record being loaded.

27.32.6. Entering Date of Deletion. If your base is planning to reuse the serial numbers before reaching the maximum number of 999999, enter the date of deletion in the ledger. Use the Daily Document Register (DO4) for this purpose.

27.32.7. Added or Deleted Major Components on a Bench/Mockup Set. When you receive notification that major components have been added or deleted on a bench/mockup set, modify the DD Form 1348-6 to show this change. Also, adjust the price on the appropriate L numbered item record.

27.32.8. Removal of DD Form 1348-6. Remove the DD Form 1348-6 maintained when the Daily Document Register indicates an L or P type stock number has been deleted.

27.32.9. Quarterly, screen Part/Reference Numbers in the SBSS for conversion to Valid NSNs in the Air Force Catalog (D043). (to become AFMAN 23-110)

27.32.9.1. Bases may use the procedures outlined in [volume 1, part 1, chapter 7, section C](#), to accomplish this screening; as a matter of fact, this may be the only practical method of accomplishing this. This method involves building a 1SQ Image File which creates interrogation images that are transmitted to D046 for inquiring D043 catalog data. The Query Language Processor (QLP) routine in [Attachment 27B-9](#) is used to build the file of 1SQ images, the images process through pseudo to create BVUC25 interrogations. These interrogations are automatically sent to AFMC by the Supply Interface System (SIFS).

27.32.9.2. The procedures above apply only to part numbers with valid commercial and government entity (CAGE) loaded. Part numbers loaded with ZZZZZ in the commercial and government entity field cannot be interrogated through the Base Account Screening Exercise System (D046 Interrogations). The program will automatically put a Y in position 76 of the BVUC25 interrogation. This will prevent BVRC (no stock number match) responses from AFMC.

27.33. Reserved.

27.34. Inspection Processing.

27.34.1. Non-NSN. When Research does not maintain a central file of non-NSN items, Inspection must establish and maintain a reference file to supplement the published stocklist. Inspection will use this file to confirm item identification of non-NSN materiel and maintain it in assigned L or P stock number sequence. Inspection will process stock number changes and unit of issue changes affecting non-NSN items against this file to ensure its effectiveness. It may also purge inactive forms from this file. Inspection must make arrangements with Research to obtain copies of the applicable document registers.

27.35. Maintenance of Air Force Technical Orders. Air Force Technical Orders (TOs) will be ordered, maintained, and disposed of in accordance with the procedures contained in TOs 00-5-1, 00-5-2, and 00-5-15.

27.36. Technical Order Reconciliation.

27.36.1. Reconciliation between Maintenance Organizations and the Demand Processing. At the option of the Chief of Supply, a reconciliation between maintenance organizations and the Operations Support Flight, Research, may be performed yearly. When this option is used, a consolidated listing of all technical orders maintained by Demand Processing must be produced. A copy of the consolidated listing will then be forwarded to all support organizations.

27.36.2. Production of Reconciliation Listing. The Reconciliation Listing may be produced in any of the following ways:

27.36.2.1. Typewrite the list.

27.36.2.2. Prepare inputs and list them using program 003 SURGE.

27.36.2.3. Reproduce copies of the Code Selected Reconciliation List (CSRL). This list will be automatically furnished by the Oklahoma City Air Logistics Center (OC-ALC) if the Chief of Supply has a technical order account established with OC-ALC. To obtain an out of cycle CSRL, submit a written request to OC-ALC/MMDUB, Tinker AFB, Oklahoma 73145. This written request must cite the TO distribution code (TODC) number used to requisition technical orders. Justify the request for an out of cycle CSRL by stating the following:

A COPY OF THE CSRL IS REQUIRED TO PERFORM AN OUT OF CYCLE RECONCILIATION BETWEEN BASE SUPPLY AND SUPPORTED MAINTENANCE ACTIVITIES ON THIS BASE. THE RECONCILIATION WILL ALLOW US TO DELETE UNNECESSARY TECHNICAL ORDERS AND REQUEST TECHNICAL ORDERS REQUIRED BUT NOT ON FILE.

27.36.3. Annotation of Reconciliation Listing. Each maintenance organization will annotate the individual entries on the listing with one of three designations--NOT REQUIRED, REQUIRED, or ADD. When this procedure is completed, each maintenance organization will return the listing to Research. Each listing returned by an organization will be filed until the next listing is annotated and returned by the organization to Research.

Section 27C—RECORDS MAINTENANCE GENERAL PROCEDURES.

27.37. Overview. This section describes general procedures Records Maintenance routinely uses to update and maintain the internal records of the Standard Base Supply System (SBSS). It explains how to prepare new data for old item records, handle file maintenance programs, make mass changes to internal records, process reject notices, maintain suspense files, and use the work listings produced by the computer and the Stock Number User Directory (SNUD).

27.38. General Data Processing To Update Internal Records.

27.38.1. Records Maintenance routinely receives written communications, such as documents, listings, notices, letters, or memos that contain information for updating the records for supply items. Following is the basic procedure for processing these products.

27.38.2. Determining Processing Priority. Generally, you should handle rejected inputs and requisition status notices immediately. If you receive a status change on a requisition status notice that will change the indicative data in the computer, then update the item record immediately. Annotate the correction on the face of the DD Form 1348-1A and send it to Stock Control for further processing.

27.38.3. Verifying Input. Before processing any additions, deletions, or changes to an internal record, check the appropriate work listing to be sure the input is valid and required.

27.38.4. Processing Input. Use one of the following ways to process the input:

27.38.4.1. Prepare AF Form 1991 (General Purpose Creation) or AF Form 1530. Local management will tell you how many copies to prepare. Normally, you should prepare two copies. Send the original copy to Computer Operations or to the terminal operator for processing. Place the second copy in a suspense file.

27.38.4.2. Use source documents if you have a computer terminal and local management has authorized your unit to use them instead of Forms 1991 or 1530. You may then place the documents in a suspense file. **NOTE:** If Records Maintenance has a computer terminal, you **SHOULD** use it to process input for internal records.

27.38.4.3. Use a SURGE program, if you must change any of the indicative data on a large number of records (for example, if you must add/delete/change system designators, application codes, RIC, etc.). The SURGE program will produce the required change input.

27.38.5. Verifying the Processing. After the new data have been entered, you must verify that it has been accurately processed and then purge the suspense file.

27.39. File Maintenance Programs.

27.39.1. File maintenance programs update indicative data on computer records. Following are instructions for handling specific kinds of maintenance programs.

27.39.2. Programs without Completed Action Notices. File maintenance programs that update internal records and create a transaction history do not output a completed action notice. With these programs, you must use the Daily Document Register to check the accuracy of the input and to purge the suspense file. If you find an error, prepare the correct input, suspend it, and process it.

27.39.3. Programs with Completed Action Notices. File maintenance programs that update internal records and do not create a transaction history will output a completed action notice. Use this notice to check the accuracy of the input and to purge the suspense file. Destroy the completed action notice after you have verified input processing.

27.39.4. Programs that Create New Item Records from Status Input. If an item must be substituted for the one originally requisitioned, then Supply personnel will process a status input with a stock number different from the one requisitioned. As a result, internal programs may create a new item record if one is required. (See [Section 27D](#) for stock number changes.) The programs will load the indicative data of the requisitioned stock number, update internal records, and automatically relate items in an ISG if necessary. (See [Section 27I](#) for ISG.) The programs will not create a transaction history, but will output a notice.

27.40. Reject Control.

27.40.1. Reject Number Assignment. If a program finds an error in input data or in an internal record, it does not update the internal records. Instead, the program assigns a reject number and prints a reject notice at the input function or Computer Operation.

27.40.2. Suspended Rejects. Some rejects are suspended and are printed in the Cumulative Reject Processor (D818), a management tool for controlling rejected input data. Supervisory personnel must screen this listing daily to be sure that all rejected input data are being corrected for reinput. Copies of all reject notices that are still being processed are contained in the reject suspense file.

27.41. Stock Number Catalog Data.

27.41.1. Stock number catalog data distributed through SNUD originate from the Air Force cataloging suite of systems. The D043 System, Master Item Identification Control System (MIICS), is the Air Force's primary repository for cataloging and standardization data. This system contains logistics records for about 2.6 million AF-used items. The data is provided to the D071 System, Stock Number User Directory (SNUD), which distributes it to recorded users of the stock number. HQ AFMC has responsibility for catalog systems. Detailed procedures for stock number catalog data changes are contained in volume 1, part 1, chapter 7. Also, see procedures in [Section 27H](#) of this chapter.

27.41.2. The stock number catalog data originating from the AFMC catalog suite of systems is the authoritative data used by the Air Force. In addition to the data being transmitted to the SBSS, data can also be viewed in a near real-time fashion by [querying](#) the D043A system. Also, the data can be viewed using the FEDLOG CD-ROM diskettes. The FEDLOG diskettes are not real-time, whereas a D043A [query](#) provides the most current data available to the retail user.

27.41.3. The stock number catalog data, in addition to being pushed by the SNUD system, can also be interrogated by the SBSS. In this case, the catalog data is distributed from the catalog suite of sys-

tems via the D046 system, Base Account Screening Exercise System Interrogations, instead of the SNUD system.

27.42. Work Listings and Maintenance.

27.42.1. Purpose. Work listings present lists of specific data contained on internal records. Chapters 5 and 6 explain how often and in what form the listings are produced.

27.42.2. Use. Always check work listings before processing additions, deletions, or changes to be sure that the input is valid and required.

27.42.3. Maintenance of Work Listings. As specified in chapter 2, Records Maintenance will maintain the work listings. As changes to internal records are processed, you may annotate the listings to keep them current. You can update listings in several ways: by annotating the changed data; by filing the output DD Form 1348-1A produced from loads, changes, or deletes; or by rerunning the listing. Or, you may use a combination of these methods. Local management will consider how many changes are processed, what output notices are provided, and how often the listings are used, etc., to determine how your office will annotate each listing. Following is a brief description of the work listings used in Records Maintenance, along with instructions for managing them.

27.42.3.1. The Stock Number Directory (M14/NGV814) lists item records within type stock record account code. Records appear in order according to their stock numbers and system designators.

27.42.3.1.1. To file the Stock Number Directory, you may break it down into books of federal classes, for example: Book #1, FSC 1005 through 2590; Book #2, FSC 2610 through 4820, etc. Individual personnel can then be assigned to each book. This division will help maintain the files accurately and distribute the work evenly throughout the unit. You may also file the equipment and satellite portions of the directory separately.

27.42.3.1.2. You may update the Stock Number Directory at the time the AF Forms 1991/1530 or input source documents are prepared for change or delete action. Or, you may update it when the transaction appears on the Daily Document Register (D04/NGV804).

27.42.3.1.2.1. For new item loads, annotate in the proper sequence on the listing at least the stock number and date loaded. If another stock number is loaded that would fall into the same sequence on the listing, annotate it consecutively until the blank line is filled. The last entry should read CONTINUED ON REVERSE. List any additional stock numbers loaded on the reverse side of the page.

27.42.3.1.2.2. For changes and deletes, annotate the Stock Number Directory if local management requires it. To note the changes, draw a SINGLE LINE through the old data element(s) and enter the new data above the old. To annotate deletions, draw a SINGLE LINE through the stock number. In either case, DO NOT cross out the old data.

27.42.3.1.2.3. For satellites with research capability, the computerized support base (CSB) Records Maintenance is not required to update the satellite Stock Number Directory for new item loads, changes, or deletes at the satellite unless directed by local procedures.

27.42.3.2. The Daily Document Register (D04/NGV804) is produced daily for file maintenance. To ensure that Records Maintenance maintains a cross-reference work file, you may file the Daily Document Register (D04/NGV804) as follows:

27.42.3.2.1. Option 1. File the register in date sequence in a separate binder and maintain it until the new Stock Number Directory is prepared. If you use this option, be sure to cross-reference each book carefully to tell personnel that the Daily Document Register is filed separately. You can use labels on the outside of the binder or annotated sheets inside the directory binder.

27.42.3.2.2. Option 2. File the register in date sequence in the same binder with the Stock Number Directory (M14/NGV814) and maintain it until the new Stock Number Directory is prepared.

27.42.3.3. Exception Phrase Listing (R03/NGV870) lists exception phrases, by type phrase, in exception code sequence.

27.42.3.4. The Interchangeable and Substitute Group (ISG) Listing (R02/NGV866) lists stock numbers within ISG in ISG (interchangeable and substitute) number sequence. A separate listing is also prepared in stock number sequence. This listing contains a cross reference to the ISG number for each stock number listed.

27.42.3.4.1. Changes made to the ISG listing may also be annotated on the M14/NGV814.

27.42.3.4.2. To update the ISG Listing, you can use program NGV404, AFMC D043B ISG update, to produce a supplementary listing of all changes occurring after the R02 listing has been prepared. If you select this option, you will not need to manually update the ISG data, for this option should provide the necessary cross-references between stock number and ISG number.

27.42.3.5. Organization Effectiveness Report (M24/NGV863) lists each organization cost center record, in sequence, by organization code.

27.42.3.6. Repair Cycle Data Listing (Q04/NGV819) lists repair cycle records with data greater than zero (reparable generation, net repair cycle days, AWP, NRTS/condemn, and turn-ins) in system designator/stock number sequence. This edit does not pertain to the indicative data list.

27.42.3.7. Routing Identifier Record Listing (Q05/NGV871) lists routing identifier records in routing identifier code sequence.

27.42.3.8. Shipping Destination Record Listing (R08/NGV826) lists shipping destination records.

27.43. Unit Price Verification.

27.43.1. Format for Unit Price. The item record price is ten positions long. Eight of the positions are dollar positions, and two are cents, except for items with type stock record account P. For type stock record account P items, the unit price is reflected in three-position dollars, two-position cents, and three-position mills. For items with a unit price of 99 million dollars or more, load the price with all nines as the item record unit price.

27.43.2. Verification of Estimated Prices. Research will check the estimated prices customers list in block 7 of DD Form 1348-6 to see that they are realistic compared to similar items already loaded in the stock record account or listed in the Management List (ML)

Section 27D—ITEM RECORD INDICATIVE DATA CHANGE.

27.44. Overview.

27.44.1. Section Summary. This section describes the use of the FIC input to change indicative data on the item record. It also describes exceptions to normal routines for the NATO Airborne Early Warning (NAEW) E-3A component.

27.44.2. Purpose of the FIC Input. Records Maintenance personnel use the FIC input to change the following indicative data on the item record: 1) stock numbers, 2) routing identifier codes, 3) budget codes, 4) ERRCD designators, and 5) equipment management codes (EMC). **NOTE:** In the changing or merging of stock numbers, the same FIC input cannot be used to change the routing identifier code, the budget code, or the ERRCD.

27.44.3. Simultaneous Change of Codes. Records Maintenance personnel entering new stock numbers may simultaneously change the routing identifier code, the budget code, and the ERRCD. Doing so, however, changes all item records for that stock number, regardless of the system designator. (See [Attachment 27D-4](#) for the required compatibility of changes to routing identifier codes, budget codes, or ERRCDs.)

27.44.4. Preparing AF Forms 1991/1530. When changing any indicative data on the item record, Records Maintenance personnel must 1) prepare two copies of either AF Form 1991 or AF Form 1530 (see [Attachment 27D-1](#)), and [Attachment 27D-2](#)) maintain the Stock Number Directory and suspense files as specified in [Section 27C](#).

27.45. Changing Stock Numbers.

27.45.1. Reasons for Changing Stock Numbers. Stock number changes normally are made 1) by an AF Form 86 (see [Section 27T](#) for formats), 2) as a result of changes in the stock list, or 3) as corrections to erroneous file maintenance data on original FIL inputs (as indicated by reason why code P on the input). The stock list publications provide the current indicative data as registered at AFMC.

27.45.2. Automatic Updating of Stock Numbers. In order to more efficiently update the item records, AFMC automatically sends changes in stock numbers to the SBSS. Thus for numbers registered in SNUD, Records Maintenance personnel do not have to find the changed numbers on the stock list and then enter them by FIC input.

27.45.3. Conditions for Changing Stock Numbers. Program control changes the stock number when the new or change-to stock number is not already in the SBSS database. If the change-to stock number is not in the SBSS database, the program finds all item, repair cycle, and detail records and changes the stock number on each record, replacing the old stock number with the change-to stock number.

27.45.4. FIC Rejects. Program control rejects FIC inputs having an NSN with a dash one (-1) in position 14. These records can only be changed when applicable data on item records with the basic NSN are changed.

27.46. Merging Stock Numbers.

27.46.1. Conditions for Merging Stock Numbers. Stock numbers are merged when the change-to stock number is already in the SBSS database and system designator. When merging stock numbers, the program not only performs all of the tasks above, but combines the assets if the two stock numbers are compatible (that is, match). The program combines assets by adding the change-from stock

number to the change-to stock number and deleting the change-from record(s) from the SBSS database.

27.46.2. Program Defaults in the Merging of Stock Numbers.

27.46.2.1. The program does not allow stock number changes from one type of stock record account to another.

27.46.2.2. The program automatically adjusts the unit price, unit of issue, and quantity unit pack difference to the change-to stock number.

27.46.2.3. The program rejects the input if the type stock record account code is K and if the first position of the application code (munitions report code N or R) is not the same on both the change-from and change-to stock numbers. The program also rejects the input if one of the items has a budget code I, signifying that it is an Energy Research Development Agency (ERDA)-owned asset, and the other does not. ERDA-owned assets may not be merged with non-ERDA owned assets.

27.46.2.4. The program deletes a change-from stock number if it is in an ISG, but adds a change-to stock number to the original group, provided that the stock number is not already loaded in another group.

27.46.2.5. The program merges the input stock numbers only if the document numbers are equal for the following detail records:

27.46.2.5.1. Supply point (type detail P) (record code 218).

27.46.2.5.2. WRM (type detail W) (record codes 240 and 241).

27.46.2.5.3. MSK (type detail Q) (record code 232, 235 and 236).

27.46.2.5.4. MRSP (type detail U) (record code 233, 234, 237, 238 and 239).

27.46.2.5.5. Authorized/In-Use (type detail B) (record code 201).

27.46.2.6. The program merges DIFM detail records (type detail D) if the change-to and the change-from stock numbers are both repair cycle. But when the change-to stock number is expendable and the change-from is repair cycle, the program deletes DIFM detail records unless they are R920RW unserviceable or contract maintenance (activity code C). The program also deletes repair cycle records if the DIFM items are being changed to expendable. If they are not, the program either changes them to the gaining stock number or merges them with the record data.

27.46.2.7. The program deletes the detail record if an excess report detail record (type detail code X) is in the SBSS database for the change-from stock number, unless the change is a result of DAAS rerouting of excess reports. These transactions can be identified with an excess transaction status code TZ. (For excess transaction status codes, see chapter 15, [attachment 15B-11](#)). When the program deletes an excess report detail record, it also flags the item record for file status, resulting in an evaluation of the excess stockage positions of the change or merge-to stock number.

27.47. Changing The Routing Identifier Code.

27.47.1. Reasons for Changing the RIC. Routing identifier codes must be changed whenever the source of supply changes. In order for Records Maintenance personnel to change a routing identifier

code, a routing identifier record must already be loaded on the SBSS database for each system designator that has the input stock number loaded. **NOTE:** B and C series satellites always use routing identifier records in system designator 01.

27.47.2. Applicability of the Changed RIC. The changed routing identifier code applies to all item records for the input stock number, regardless of its system designator.

27.47.3. RICs for P Account Items. Routing identifier codes for P account items (fuels and ground fuels) can only be changed to and from RIC JBP, S9F, ARM, and NAV, and may be input by specific system designator.

27.47.4. Source of Supply. In order to change the RIC, the routing identifier code of the normal source of supply must be loaded on the item record. The normal source of supply must be one of those shown in the catalogs, furnished by SNUD, or determined otherwise.

27.47.5. Deletion of Exception Code 2. The program automatically deletes requisition exception code 2 when local purchase items (RIC of JBx) are changed from a local purchase RIC, except for RIC JBD, JBE, and JBZ. The program also turns the DD Form 1348-6 flag (procurement) OFF or ON accordingly (see chapter 9).

27.48. Changing the Budget Code.

27.48.1. Reasons for Changing the Budget Code. In general, SNUD assigns or changes budget codes when item records are moved from one SMAG division to another. More specifically, the budget code must be changed when a record is moved from the Material Support Division (MSD) to the General Support Division (GSD). See part 10 for definitions of the various SMAG divisions. (For other special applications of budget codes, see [Attachment 27D-4](#).)

27.48.2. Requirements for Loading the Budget Code. The budget code may be blank on the item record when the routing identifier code is JBZ. AFMC assigns asterisk (*) budget codes to items not yet having valid budget codes. Since the asterisk (*) budget code is not loaded in the SBSS, the program assigns these items a budget code that is already in the SBSS, usually 9 or Z, depending upon unit price.

27.48.3. Effects of SNUD Changes on Budget Codes. SNUD changes may realign previously assigned budget codes. The budget code may be changed either independently or as a result of changes to the ERRCD or the routing identifier code. In each instance, the program edits the proposed changes to see that they meet compatibility requirements. **NOTE:** Budget code 1 can only be assigned to NATO.

27.48.4. Assignment of Budget Code 9. (See [Attachment 27D-4](#) for the compatibility of ERRCD/RIC/BC edits.)

27.48.5. Assignment of Budget Code Z. In general, budget code Z is assigned to locally funded items of equipment costing more than \$100,000 per unit. Once the budget code has been assigned, it usually is not changed until the end of the fiscal year. This prevents excessive changes between investment funds (major appropriations) and stock and/or O&M funds. **NOTE:** for AFTAC Atomic Energy Detection Systems (AEDS) (RIC JBZ, stock number P or L, and budget code Z) the assigning or changing of budget code Z is not determined by unit price of the item. Records Maintenance personnel may therefore change it as required in any given situation. AFR 172-1, volume 1, chapter 8, paragraphs 8-15 and 8-16, provide the criteria for determining whether or not an investment equipment item is authorized a budget code Z.

27.48.6. SNUD-Assigned Budget Codes. Budget codes 8, T, U, or S for XB3, XF3, and alpha budget codes other than Z, I, and 8 for XD1, XD2, ND, and NF (AFMC source of supply) are provided by SNUD. These budget codes may be changed locally as required. (See [Attachment 27D-4](#) for compatibility requirements before entering any changes.)

27.48.7. Budget Code V Changes (Vehicles).

27.48.8. The program rejects changes from budget code V unless the force code (F in position 6 of FIC) is entered when REM vehicles only detail records (type detail V) are loaded for the input stock number. When the force code is entered, program control deletes the REM vehicles only detail records and the equipment code V from the authorized/in-use detail records.

27.48.8.1. The program rejects changes to budget code V when authorized/in-use detail records are loaded having positive quantities and no REM vehicles only detail records. But if authorized /in-use detail records are loaded having zero quantities, or if REM vehicles only detail records have already been loaded, the program processes the FIC input and enters equipment code V on the authorized/ in-use or REM vehicles only detail records.

27.48.9. Budget Codes for ERDA-Owned Assets. Budget code I (ERDA-owned assets) can be assigned only to item 1) loaded in either the FE or FK accounts and 2) having an MMC code of CM.

27.48.10. Review of Budget Code 9/Z Item Records. Changing item records to or from budget code 9 and Z is determined by the cost price. Therefore, during the annual review of budget code 9 and Z item records, applicable local purchase surcharges are deducted from the item record standard price to determine if changing the budget code is necessary. **NOTE:** For AFTAC Atomic Energy Detection Systems (AEDS) (RIC JBZ, stock number P or L, budget code Z), the assignment of budget code Z is not determined by the item's unit price. AFR 172-1, volume 1, chapter 8, paragraphs 8-15 and 8-16, provide the criteria for determining whether or not an investment equipment item is authorized a budget code Z.

27.48.10.1. Updating budget code 9 item records. For nonlocal purchase items, the item record standard price is the cost price. But for local purchase items, the cost price is computed by dividing the item record standard price by 1.086. If the result (the cost price) is \$100,000 or more, the item record is changed to budget code Z.

27.48.10.2. Updating budget code Z item records. The item record standard price is the cost price. If the cost price is less than \$100,000, the item record is changed to budget code 9.

27.48.11. Materiel Acquisition Control Record (MACR) Updates. Some budget code changes cause program control to change the MACR. More specifically, when budget codes are changed either to or from the SMAG or to or from divisions of the SMAG, the program updates (increases or decreases) the orders placed field of the MACR. An example would be from 9 to 8 (GSD to MSD), 8 to 9, Y to 8 (3, 5, and 7 equate to Y), 8 to Y, 9 to Z, or Z to 9. (See chapter 3 (budget code) and part 10, chapter 1 (funds management), for further explanations of this subject.)

27.48.12. Budget code 8 Items. Budget code 8 items which are locally assigned will result in the item record being frozen with a P freeze code. The P freeze code can be removed by processing TRIC MSD.

27.49. Changing the ERRC Designator.

27.49.1. Reasons for Changing the ERRCD. The ERRC designator is changed as a result of a stock list change in SNUD, as required by an AF Form 86, or as required by a documented special author-

ity. Changes in the ERRCD designator from or to supplies or equipment also change the type stock record account code. **NOTE:** An ERRCD from stock-lists or stock-list change inputs must be assigned to every item record.

27.49.2. Effects of Changing the ERRCD.

27.49.2.1. An ERRCD designator change alters all item records for the input stock number, regardless of the system designator.

27.49.2.2. An ERRCD change to or from expendable, that is, from XD to ND, or ND to XD, causes the type stock record account code to change from or to B or E. Other types of stock record account codes may not migrate with this input. For example, changes from P to K, B to P, F to P, K to B, or K to E are not allowed. (See chapter 15, [section 15C](#) for instructions on transferring property and records between different types of stock record accounts.)

27.49.2.3. Program control rejects ERRCD changes from XB or NF if the item record contains an IEX 3 or 6.

27.49.2.4. When special authority is used to change an ERRCD, an FNL must be processed to place a (Y) in the local ERRCD flag. (This prevents unintentional changes to those ERRCD pending resolution of proper coding when control of assets is involved. For example, changes from nonexpendable to expendable or vice versa.)

27.49.3. Changing the ERRCD and SNUD Registry Compatibility. SNUD automatically changes the local ERRCD flag to an (N) when the ERRCD on the item record is the same as the one on the SNUD input. This assures SNUD registry compatibility. ERRCD differences are corrected by either the data received from SNUD in response to an inquiry or through normal SNUD processing. Thus, a user or Supply may question the validity of a SNUD assigned ERRCD, but if AFMC determines that the original ERRCD is correct, SNUD pushes only the authorized ERRCD and changes the SBSS. In this instance, the SBSS change the local ERRCD flag from (Y) to (N) by FIC input.

27.49.4. ERRCD Changes that Produce an 093 Management Notice. When SNUD changes an ERRCD from X to N or N to X, the program produces an 093 management notice in order that Equipment Management (LGSME) may take appropriate action. (See chapter 22, [section 22E](#) for details.)

27.49.5. Changing the ERRCD Locally. If the ERRCD in the stocklists or stocklist change input is obviously incorrect, Records Maintenance personnel may enter a locally assigned ERRCD in the item record. To assign an ERRCD, Records Maintenance must do the following:

27.49.5.1. Process an FIC input to place an (Y) in the local ERRCD flag to identify these items. Once a (Y) has been assigned to the local ERRCD flag, the program control will not change the ERRCD until the inline Stock Number User Directory (SNUD) program pushes an equal ERRCD to the item record. Program control will ignore equipment management code (EMC) edits and will change equipment item codes only when SNUD pushes the one position ERRCD.

27.49.5.2. Send a mechanical (short) AF Form 86 to the item manager (IM) responsible for assigning the ERRCD. See paragraph 8 of the Air Force Management Data List (C-ML-AF) for specific instructions for routing questions about stock control data. Additional information about this subject is listed in [volume 1, part 1, chapter 7](#). **NOTE:** If a request to change an ERRCD involves an AFTO Form 135 (Source, Maintenance, and Recoverability Code Change Request), Records Maintenance personnel may use the AFTO form instead of AF Form 86. See [volume 1, part 1, chapter 7](#).

27.49.5.3. Maintain a suspense copy of all correspondence in order to justify assigning the ERRCD. **NOTE:** AF Form 86 files may satisfy this requirement. Records Maintenance personnel review the locally assigned ERRCD flag (Y) upon receipt of the first reply from the IM. If the IM disapproves of the locally assigned ERRCD, Records Maintenance may obtain more information about the assignment by resubmitting the AF Form 86. To do so, load the ERRCD from the IM to the record and retain the locally assigned ERRCD flag (Y). Records Maintenance must keep all correspondence on file until SNUD automatically removes the locally assigned (Y) ERRCD flag.

27.49.5.4. Keep supporting documentation from Maintenance on file in order to justify assigning ERRCD for XB3/XF3 items. Records Maintenance must keep this information because it may retain its assignments of ERRCD even after receiving a second disapproval from the IM. Note that to do so, Maintenance must demonstrate the capability to repair the items. Twice a year Records Maintenance must check the local ERRC code part of the Stock Number Directory (M14/NGV814) to verify the validity of the ERRCD it has assigned with Maintenance.

27.49.5.5. Verify that the locally assigned ERRCD flag is valid, as determined by the correspondence in the suspense file or the pending AF Form 86. Use the local ERRCD part of the Stock Number Directory for the verification.

27.49.6. Processing Emergency BDR Inputs That Change ERRCDs. As appropriate, Records Maintenance personnel process emergency BDR inputs to change the ERRCD and reparable item movement control (RIMC) codes H and J.

27.49.6.1. If the BDR contains RIMC code H, then receiving and processing the BDR will change the ERRCD to XD2, place an (Y) in the local ERRCD flag field, build a repair cycle record if required, load new shipping information, and store the RIMC code in the repair cycle record.

27.49.6.2. If the BDR contains RIMC code J, and if the current ERRCD is XB3 then receiving and processing the BDR will change the ERRCD to XF3 and place an (Y) in the local ERRCD flag field. A repair cycle record will be loaded containing new shipping information and the RIMC code. If the ERRCD is already XF3, load only the new shipping information along with the RIMC code in the repair cycle record.

27.49.6.3. Records Maintenance is not responsible for monitoring or controlling the ERRCD assigned as a result of RIMC codes H and J received from the IM through the BDR inputs. Records Maintenance may retain output management notices from BDR inputs to help review the local ERRCD part of the Stock Number Directory.

27.50. Changing the Equipment Management Code (EMC).

27.50.1. Dissemination of EMC. Equipment management codes (EMC) 1, 3, 4 and 5 are disseminated through SNUD and may not be locally assigned. However, equipment L and P stock numbers may be changed from EMC 1 to 3 or 4, and EMC 3 or 4 may be changed to 1 by manual FIC processing.

27.50.2. Assignment of EMC 2. At the direction or approval of the MAJCOM, equipment management code 2 can be assigned at base level to those items AFMC has designated as EMC 1. It is also permissible to change EMC 2 items back to EMC 1 when required.

27.50.3. The ERRCD Required to Change EMC 1 and 2. To assign EMC 2 or to change an EMC 2 back to EMC 1, Records Maintenance personnel must enter the ERRCD (ND/ NF) in positions 29-30 and the EMC (2 or 1) in position 31 of the FIC input and system designator in positions 23-24.

27.51. Processing Indicative Data for NATO Airborne Early Warning (NAEW)Component.

27.51.1. FIC Processing. In its indicative data (FIC) records processing for Records Maintenance, the NAEW E-3A Component uses most of the same procedures as the SBSS. The few exceptions are as follows:

27.51.1.1. The routing identifier code (RIC) may be any set of alphanumeric characters except FxZ, Gxx, Sxx, JBB, JBF, JBG, or JBH. **NOTE:** Routing identifier records must be loaded according to current processing procedures.

27.51.1.2. The budget code must always be 1. Since program control always blanks the budget code field on the FIC input, it issues a 159 reject notice if the only change in the input is a change to the budget code. But when budget code 1 is on the item record, the program accepts all combinations of RIC or ERRCD changes.

27.51.1.3. A 1AP will be formatted to process a budget line code change if necessary.

27.51.1.4. In general, the ERRCD is the same as in the SBSS, with the exception that budget code 1 applies to all ERRCD. Given this combination of RIC, BC, and ERRCD, the program can process all required indicative data changes for the NAEW Component. **NOTE:** The SBSS' rules for changing ERRC codes X to N, N to X, N to N equipment management codes (EMC) do not apply.

27.52. Outputs. Stock Number Changes (TRIC 1IC). Stock number changes or merges produce these images only when 1) the item record contains a routing identifier code of JBx for local purchase; 2) the item record does not contain a REX code 2; and 3) the Base Supply Office is supported by an automated contracting system (base constants -1 record procurement flag is a B or C).

Table 27.3. Output Format.

1-3	IIC
4-7	Blank
8-22	Change-From Stock Number
23-32	Blank
33-47	Change-To-Stock-Number
48-74	Blank
75-80	SRAN (Stock Record Account Number for the record being changed)

NOTE:

These output images must be forwarded to the Base Contracting Office for processing.

Section 27E—RECORDS MAINTENANCE MISCELLANEOUS DATA LOAD/CHANGE (FNL).

27.53. Overview.

27.53.1. Section Summary. This section describes the use of the FNL input to load or change miscellaneous data on the item record.

27.53.2. Purpose of the FNL Input. The FNL input loads or changes the item record nomenclature, shelf life code, quantity unit pack code, and the demilitarization code. FNL serves also as a trigger input for loading the quantity unit pack conversion record.

27.54. Nomenclature Load.

27.54.1. Descriptive Nomenclature. All item records in the SBSS database will have a descriptive nomenclature loaded. It must not exceed 32 characters for all items. The nomenclature field also identifies exceptions as follows:

27.54.2. The First Character. The first character cannot be blank.

27.54.3. The DODIC/AFAC. If the type stock record account code is K and the first position of the application code is R, then the first four positions of the nomenclature must be the Department of Defense Item Code (DODIC)/AFAC.

27.54.4. Changes to Grade Code. If the type stock record account code is P and the input is to change the grade code, see further instructions (described in [Attachment 27B-7](#) and [Attachment 27B-8](#)).

27.54.5. Sample Items. SR in the first two positions of the nomenclature field identifies field manufacture items (routing identifier code JBD, JBE, JBI, or JBT). When the items have been manufactured and the manufacturer has samples and/or drawings, change the first two positions of the nomenclature field to SA (sample available). If you already know that the manufacturer provides the necessary drawings, samples, etc., you may enter SA with a complete nomenclature in the FNL change. For sample items, leave at least one space between SA/SR and the manufacture description in the nomenclature field.

27.55. Shelf Life Code. Although this field may be loaded with an FIL input, it can be changed only by an FNL input. The shelf life code must be one of the authorized ones specified in chapter 3.

27.56. Quantity Unit Pack Code/Quantity. This code is loaded by FIL input and may be changed by FCU. Changes by FNL input should be processed only for items coded local purchase. Use a one-digit code (as specified in [Attachment 27A-3](#).)

27.57. Demilitarization Code.

27.57.1. Changes to Demilitarization Codes. This code may be loaded with an FIL but can only be changed by an FNL input. Inspection reviews all disposal documents having demilitarization code X(UNK) in order to assign the appropriate standard code to them. Inspection then informs Records Maintenance of the required code changes. (See chapter 14 for further details.) The servicing DRMO is authorized to challenge the demilitarization codes assigned to all shipments it receives.

27.57.2. Records Maintenance Options in Changing Demilitarization Codes. When informed of a change to the demilitarization code, Records Maintenance must take one of the following courses of action:

27.57.2.1. If the current code is X(UNK), Records Maintenance personnel use an FNL input to change the item record to agree with the local determination. They then follow the necessary steps.

27.57.2.2. If the current code is a standard DOD code (other than X), Records Maintenance cannot change the item record but must follow the necessary steps described below.

27.57.2.3. If the local DRMO or Inspection determines that a demilitarization code has been improperly assigned, Records Maintenance personnel must process a TRIC 1SQ, SNUD stock number interrogation, with option code 09 to verify the code (see [Attachment 27H-7](#)). This causes a BVAC09 image to be output to AFMC. If the reply to the BVAC09 inquiry indicates that the assigned code is correct, Records Maintenance may continue to challenge the assignment of the code by sending a letter to the item manager (IM) for the FSC. Records Maintenance must keep the challenging activity (either Inspection or the servicing DRMO) informed of the progress of the correspondence until the conflict is resolved.

27.58. Input Preparation. Records Maintenance personnel prepare an AF Form 1991/1530 in the proper format (specified in [Attachment 27E-1](#)) and then forward it to the terminal operator in Computer Operations for input.

27.59. Output Products. When the input data is invalid, program control produces either management or reject notices. When the program can process the input successfully, it provides no output.

27.60. Quantity Unit Pack Conversion Record. Records Maintenance personnel use an FNL input to load the quantity unit pack conversion record from program constants to the quantity unit pack conversion record. No output is produced as a result of this input.

Section 27F—UNIT OF ISSUE/UNIT PRICE CHANGE (FCU).

27.61. Overview.

27.61.1. Section Summary. This section describes the use of the FCU input to change unit price, unit of issue, and unit pack quantity on internal records.

27.61.2. Definition. The FCU input changes the unit price, unit of issue, and unit pack quantity fields on internal records. Changes to unit price, unit of issue, and quantity unit pack may be made simultaneously, unless the input is LPS or LPA. **NOTE:** The FCU input updates all records using the input stock number, except for L or P stock numbers and item records with RIC JB(X). FCU inputs are produced by SNUD processing (see [Section 27H](#)), program interface, and external records maintenance input. Input of FCU changes may be through either the Records Maintenance terminal or the Computer Operation /main system. Printed output resulting from FCU input is described in [Attachment 27F-2](#), [27F2-Section B](#), and [Attachment 27F-4](#).

27.61.3. Coordination with the Fuels Management Flight. To ensure that all outstanding transactions are processed before input of the FCU, Records Maintenance personnel must receive clearance from the Fuels Management Flight to input FCU for type stock record account code P. Price changes for ground fuels items may be input by specific system designator if required. (See chapter 34 for details.)

27.61.4. Adjusting Unit Price for Noncataloged Items. Records Maintenance personnel adjust the unit price of noncataloged items (except local purchase) as they are received from contractors by reviewing advanced copies of contract and receipt documents. See [volume 1, part 1, chapter 5](#), and [chapter 10](#).

27.62. Unit Price Changes.

27.62.1. Causes of Unit Price Changes. Unit price changes may result from receipt processing of local manufacture, local purchase, and other funded receipts. (See chapter 10, [attachment 10A-2](#) for details.) Letters or messages that direct or cause unit price changes will be retained in file for 1 year after the transaction (FCU input) processing date. Input of Base Contracting status and adjustments (LPS and LPA) may also change unit price. Input of a local purchase status (LPS) or local purchase adjustment (LPA) will change the due-in detail price (for the item requisitioned only), the due-out detail linked to that due-in, and it will update the item record unit cost. The item record and the due-out unit cost will contain the current surcharge. The due-in will have the unit cost without surcharge, and the local purchase status detail will have the contract extended price without surcharge.

27.62.2. Entering Unit Price Changes. Unit price changes may be input at either the Procurement terminal, Computer Operations/main system, or a satellite terminal.

27.62.3. Results of Entering Price Changes. Entering a price change produces the following results:

27.62.3.1. The program updates the item record price and creates transaction history records for serviceable balance. A letter of justification must be maintained for at least 1 year for all FCU (reason why code R) inputs.

27.62.3.2. The program writes transaction history records for RSP, supply point, DIFM, MRSP/MSK, authorized/ in-use (Use Code = D only), and due-out detail records. These transaction history records are required for financial inventory accounting (FIA) purposes.

27.62.4. Changing Unit Price on Overflow Item Records. The unit price on overflow (-9) item records is updated in conjunction with price changes to the basic item record.

27.62.5. Changing Ground POL Prices. Unit price changes for ground POL items (routing identifier codes JBP, S9F, ARM, or NAV, materiel category code G) generate an F461 management notice. See chapter 7 for the required action.

27.62.6. Pricing Vehicle Type Items. The unit price for vehicles with a source or category code of APP is obtained from AS 001 (MEMI). If these data are not available, Records Maintenance personnel should initiate correspondence to the appropriate inventory manager to obtain them.

27.62.7. Updating the Materiel Acquisition Control Record (MACR). Whenever the program can successfully process a price change for a SMAG item with a fund code of 6C, the net price changes against due-in details result in a change (either increase or decrease) to the obligations field of the General Support Division MACR record.

27.63. Unit of Issue Changes.

27.63.1. Unit of Issue Change Entries. Unit of issue changes must contain a unit price entry and should contain quantity unit pack (QUP) code when appropriate. Existing price data must be used if the price is not being adjusted.

27.63.2. Standard Changes. A conversion factor is not required. The unit of issue conversion table in **volume 1, part 4**, is used to adjust record balances. Program control rejects the unit of issue change when the old unit of issue is not convertible to the new, in which case the procedures for nonstandard changes must be used.

27.63.3. Nonstandard changes. Unit of issue changes (such as box, package, roll, etc.) will be internally computed by program control when processed as follows:

FORMULA:

UNIT OF MEASURE FACTOR CHANGE FROM = CONVERSION

UNIT OF MEASURE FACTOR CHANGE TO FACTOR

CONVERSION X SERVICEABLE = ADJUSTED

FACTOR BALANCE BALANCE

EXAMPLE A:

To change unit of issue from EA to PG with a serviceable balance of 24 EA when the Unit of Measure (U/M) in PG is 12, meaning 12 units in 1 package.

OLD CHANGE NEW CHANGE

U/I TO U/M U/I FROM U/M

EA 12 PG 1

Unit of measure factor change from = 1

Unit of measure factor change to = 12

(quantity in package)

Conversion factor = .0833 x 24 = 1.999

This input adjusts the serviceable balance to 2 pg.

EXAMPLE B:

To change unit of issue from DZ to BX with a serviceable balance of 37 DZ when the unit of measure in BX is 100, meaning 100 units in one box.

OLD CHANGE NEW CHANGE

U/I TO U/M U/I FROM U/M

DZ 100 BX 12

Unit of measure factor change from = 12

Unit of measure factor change to = 100

(quantity in box)

Conversion factor = .12 X 37 = 4.44

This input adjusts the serviceable balance to 4 BX with the 44 remainder going to residue.

EXAMPLE C:

To change unit of issue from FT to CL with a serviceable balance of 1650 FT with the unit of measure in CL is 750, meaning 750 feet in one coil.

OLD CHANGE NEW CHANGE

U/I TO U/M U/I FROM U/M

FT 750 CL 1

Unit of measure factor change from = 1

Unit of measure factor change to = 750

(quantity in coil)

Conversion factor = $.0013 \times 1650 = 2.145$

This input adjusts the serviceable balance to 2 CL with a reminder of 150 FT for residue.

27.63.4. Results of Unit of Issue Change. Changing the unit of issue has the following results:

27.63.4.1. The program changes the record unit of issue and adjusts the following elements when the conversion factor is other than 00001:

27.63.4.1.1. Serviceable balance.

27.63.4.1.2. Cumulative recurring demands.

27.63.4.1.3. Repair cycle record balance fields.

27.63.4.1.4. Detail record balances and authorized quantities, except for received-not-billed, shipped-not-credited, and REM vehicles only detail records.

27.63.4.2. The program creates transaction history records for all updated detail records and for serviceable balance.

27.63.4.3. The positive fields are half-adjusted in the units position. For example, if the unit of issue changes from each to box and the box contains 12 units, the item record balance is multiplied by .0833. If the item record serviceable balance is 5, it will be multiplied by .0833 ($5 \times .0833 = 0.4165 + .5000 = 0.9165$) which results in less than 1. The item record serviceable is adjusted to 0 (zero). The quantity that is not equally dividable by the conversion factor can be placed in an organization bench stock or given to a customer. The program does not allow detail record balances to be adjusted to zero. It therefore assigns a balance of 1 to detail records when zero would be the result and prints a notice to identify the detail record.

27.63.4.4. The program produces a single output document to bring about external storage and inspection. (See [Attachment 27F-3](#) for specifics.)

27.63.4.5. The program simultaneously adjusts the quantities on overflow adjunct (-9) item records and basic item records. Note that the program also combines the quantities from the basic and the (-9) item records, converts the combined totals, and enters the resulting adjustments on both the basic and overflow adjunct item records. Personnel editing the results of the unit of issue conversion must therefore consider the effects of the program's combining the balances from both the (-9) and the basic records. If they do not, the change may seem to be incorrect.

27.63.4.6. At SPS (formerly BCAS)-supported bases only, the program produces a TRIC 1CU output to change the unit of issue in the SPS/BCAS database. (See [Attachment 27F-4](#) for details.)

27.63.5. Unit of Issue Changes of ISG Items. The program requires that all master and interchangeable items in an ISG bear the same unit of issue. Whenever a unit of issue change affects an item record containing an interchangeable code M or I, program control automatically changes the interchangeable code to S and prepares a BVA query image for submission to AFMC for processing by the D043B system.

27.63.6. Unit of Issue/Price Changes to Bulk Issue (IEX 3/6) Items. When a unit of issue or a price change for an item having either IEX 3 or IEX 6 and a positive balance exists, program control freezes the item record with a P freeze code, causes a BIR input to be punched, and produces an F014 management notice. When the Retail Service Store re-inputs the BIR, the program unfreezes the item record and makes the appropriate change for unit of issue or unit price.

27.63.7. Unit Of Issue Changes For Budget Code 9 And Moving Average Cost (MAC). When processed, the program first computes extended MAC by multiplying the 022-FILLER-1 * 022-FILLER-2. The program saves the results internally, then processes FCU changes as normal. The program computes the total asset balance by summing the 101 item balance, the detail on-hand quantity, and the detail deployed quantities on any of the existing details, after the Unit of Issue change on the 218, 230, 232, 233, 234, 237, 238, 239, 240, or 241 details. Moves the summed result to the 022-FILLER-1 field. Program then divides the extended MAC by the 022-FILLER-1 field and stores the results of this division in the 022-FILLER-2 field. This value is the new computed MAC. Price changes do not affect the MAC and the new unit price is not a consideration in computing a MAC on FCU inputs. Applies only to budget code 9 assets.

27.64. Quantity Unit Pack Code Changes.

27.64.1. QUP Changes and Other Input. Changes to the quantity unit pack code may either be entered independently or made in conjunction with changes to unit price or unit of issue. Standard quantity unit pack codes will be used (as specified in [Attachment 27A-3](#)).

27.64.2. Effect of QUP Code Changes on Detail Records and Transaction Histories. Changing the quantity unit pack code does not change detail records and does not create transaction history records.

27.64.3. QUP Codes and SNUD. Bases will not change those quantity unit pack codes received through SNUD, except for those items coded local purchase.

27.65. Assignment of Excess Cause Flags.

27.65.1. Criteria for Assigning Excess Cause Flags. The program automatically assigns an excess cause flag of C to all item records without one being loaded, provided that the following conditions are met:

27.65.1.1. The input quantity unit pack is less than that currently stated on the item record.

27.65.1.2. The unit of issue change and the ERRCD are both XB.

27.65.1.3. The unit price increase and the item record ERRCD are both XB or are being changed to XB.

27.66. FCU Input for The NAEW E-3A Component. To change the unit of issue and quantity unit pack (QUP), the NATO Early Warning (NAEW) E-3A Component uses the same procedures as the SBSS, with the following exceptions: 1) MACR update is determined by the NAEW E-3A Component budget line code (LSC of 101-APPLICATION-CODE field of the item record), 2) pushed due-ins will not be

computed into the MACR update (Z-202-demand field of due-in detail record), and 3) transaction identification code FCU will be used to change unit issue prices for budget code 1 items.

Section 27G—ITEM RECORD DELETE (FID).

27.67. Overview.

27.67.1. Section Summary. This section describes the use of the FID input to delete item records.

27.67.2. The Two Ways of Deleting Item Records. In general, item records are deleted in either of two ways: 1) internally by the program during file status processing as outlined in chapters 2 and 19,) by processing an FID input as outlined in this section. The internal delete requires no manual input by a technician, whereas the external delete requires the manual processing of an FID input by a technician.

27.67.3. Deleting Item Records from the ISG. When an item record for a stock number in an ISG record is deleted, the stock number is also deleted from the ISG record. (See [Section 27I](#) for ISG update procedures.)

27.67.4. Deleting Item Records for Bulk Fuels. When an item record for bulk fuels (type stock record account code P) is deleted, program control enters a D in the 420-DELETE-FLAG field of the matching fuels management record.

27.68. The FID Deletion Criteria.

27.68.1. Requirements for Deleting Item Records with the FID. In general, item records will be deleted during file status processing as outlined in chapter 19. The input of a correctly prepared FID deletes item records when all of the following conditions have been met:

27.68.1.1. The serviceable balance field is zero.

27.68.1.2. The demand level field is either blank or zero. **NOTE:** To delete item records with other than a blank or a zero in this field, the FID input must contain force code F in position 4.

27.68.1.3. The date of last demand was more than 365 days ago. To delete item records regardless of the date of last demand, use force code F in position 4.

27.68.1.4. The stock number being deleted is not an ISG AFMC master item.

27.68.1.5. None of the following detail records exists: due-in, due-out, DIFM, unserviceable, excess, received but not billed, shipped but not credited, REM vehicles only, special level (Exception: RBL with quantity of zero), EOQ consumption details, demand data variance details (except when the organization/shop code is 007SC), serialized control, and in-use serialized control details.

27.68.1.6. None of the following detail records exists with on-hand/authorized quantities: WRM detail records 232-241, supply point, and authorized in-use detail records. **NOTE:** Without on-hand/authorized quantities, an FID input deletes these detail records.

27.68.1.7. A status detail record exists without a matching due-in detail record. An FID input also deletes the status detail record.

27.68.1.8. The current quarter data fields on the repair cycle record are zero for repair cycle items (ERRCD/XD and XF). **NOTE:** The FID input also deletes the repair cycle record.

27.68.1.9. A part number detail record exists for the input system designator. The FID input also deletes the part number detail record.

27.68.1.10. The 101-UNSUITABLE-ITEM-FLAG equals U and the date in positions 1-5 of the nomenclature is less than the current date, otherwise an 032 reject notice occurs. To override the date check, position 7 must contain reason why code F.

27.68.2. Nondeleteable Item Records. Item records having a basic NSN cannot be deleted if an active dash stock numbered item record (dash in the 14th position following the NSN) is loaded for that NSN. The program uses the same criteria to delete dash stock numbered item records as it does to delete all other item records. Thus if an FID input has a basic NSN and if a dash stock numbered item record has already been loaded for that NSN, the program will delete both items if both meet the criteria for deletion. However, if either one does not, the program rejects the FID input. If the reason for the rejection is the dash number, it will be so stated in the fourth line of the reject notice.

27.69. Input. FID inputs to delete item records must be prepared and input (see [Attachment 27G-1](#).)

27.70. Output.

27.70.1. To the Computer Operations/Main System. If the FID is input through the Computer Operations/main system, the program prints a notice only if it rejects the input. If the program processes the FID input, it does not print any notice.

27.70.2. To a Terminal. For FID inputs through a terminal, the program provides notices for successful processing, as well as rejects.

27.70.3. To Stock Number Directories and Input Suspense Files. The Daily Document Register for activity code Y and FID inputs may be used to update Stock Number Directories and to clear input suspense files. Update the Stock Number Directory by drawing a single, nonobliterating line through the stock number.

27.70.4. SNUD Delete Cards. The program outputs a SNUD delete when an item record for a SNUD eligible stock number is not loaded with another system designator. (See [Section 27H](#) for details.)

Section 27H—STOCK NUMBER USER DIRECTORY.

27.71. Overview.

27.71.1. Section Summary. The Stock Number User Directory (SNUD), D071 System, is an Air Force Materiel Command (AFMC)-operated data system. SNUD distributes stock control data such as stock-lists to the recorded users of the stock numbers. This section explains how each base, once registered as a SNUD user, will process AFMC output, request data or report inaccurate data, and verify (annually) its SBSS database with the SNUD file. Also discussed is the defense inactive item program (DIIP) and how it meets its objective with the help of the item manager, Distribution, and Stock Control.

27.71.2. Purpose of SNUD. SNUD provides automatic distribution of stock number management data to bases that are recorded users of the stock number. Distribution based on established user interest reduces the need for users to manually research reference documents such as stock-lists, stock-list change notices, General Services Administration (GSA) catalogs, etc.

27.71.3. Groups/Stock Numbers Excluded From SNUD. Federal supply groups 65 and 89, and USAF Security Service special stock numbers (X = fifth position) are excluded from SNUD. Stock-lists, stock-list change notices, and GSA catalogs for these groups must be screened against the Stock Number Directory (M14/NGV814) and necessary inputs (for example, FIC, FCU, FCD, FCL, etc.) created to update local records. Also make sure that manual action, required because of the stock-list changes, is taken (for example, break down items into component parts, dispose of items, condemn items, etc.).

27.72. References. Each base Records Maintenance will become completely familiar with the following references and their contents: [volume 1, part 4, chapter 1](#) (Standard Supply Codes); [volume 1, part 1, chapter 7](#) (USAF Cataloging). Personnel should be especially familiar with [Section 27B](#), Stock Number User Directory, of chapter 7.

27.73. Stock Number Catalog Data.

27.73.1. Stock number catalog data distributed through SNUD originate from the Air Force cataloging suite of systems which comprise several systems. The D043 System, Master Item Identification Control System (MIICS), is, however, the Air Force's primary repository for cataloging and standardization data. This system contains logistics records for about 2.6 million AF-used items. The data are mechanically provided to the SNUD system which distributes it to recorded users of the stock number to which the data apply. Detailed procedures for stock number catalog data changes are contained in volume 1, part 1, chapter 7.

27.73.2. The mechanically distributed data from SNUD are the authorized source of stock number catalog data.

27.73.3. Users may question the catalog data if they believe the data are not correct. Detailed procedures for questioning the data or incompatibilities between systems are contained in volume 1, part 1, chapter 7, section C.

27.74. Initial Registration/File Buildup.

27.74.1. Conversion to Standard Base Supply System. Before converting to the Standard Base Supply System, Records Maintenance and Computer Operations will refer to [volume 1, part 1, chapter 7](#) for instructions to accomplish the following:

27.74.1.1. Prepare and submit an AF Form 1991/1530 (document identifier code MBA). Use the format in [volume 1, part 1, chapter 7, attachment B-1](#). Send the form and a letter of transmittal to HQ AFMC/LMSC, Wright-Patterson AFB OH 45433-5001.

27.74.1.2. Schedule and process the SNUD reconciliation program (NGV071). (See chapter 6, [attachment 6A-1](#) for program select input format.)

27.74.2. Registration of Activity. Air Force Materiel Command (AFMC) will register the base as a user of each stock number submitted. Also, AFMC will return to the user the following current management data: stock control, transportation, Repairable Item Movement Control System (RIMCS), interchangeable and substitute group (ISG), and ammunition, if applicable.

27.74.3. Processing of AFMC Output. The receiving activity should process, as soon as possible, output received from AFMC. ([Attachment 27H-6](#) lists AFMC output document identifier codes with appropriate processing instructions and/or references.)

27.74.4. Update Base Point- of -Contact (POC) Information With AFMC. Ensure base SNUD POC name, phone, and address information is kept current with AFMC LSO/LGIS, by contacting Gregg Bowerman, DSN: 932-5175, or Commercial: (616) 961-5175, or e-mail gregg.bowerman@casc.af.mil. This allows them to better provide information concerning SNUD changes.

27.75. Daily SNUD Add/Delete/Inquiry (BDF/BVA) Reports.

27.75.1. Computer Output of SNUD Add/Delete/Inquiry Reports. The computer automatically outputs SNUD add (BDFA) and delete (BDFD) reports when you add/ delete a record (except USAF Security Service special stock numbers--X in fifth position and FSC 65 and 89). As stock-list change inputs (BM(x), BVE, or BV4) are processed, the computer will edit each input for proper format. The computer will output a SNUD delete (BDFD) when the input stock number (positions 8-22) cannot be located. Process AFMC output from these SNUD add/delete images according to [Attachment 27H-6](#). When stock-list change images (BM(x), BN(x), BVE, or BV4) are processed with invalid input data, (specifically unit of issue, quantity unit pack code, shelf life code, airlift code, demilitarization code, ERRCD, phrase code, physical security code, and budget code), a 640 reject notice is output. The fifth line of print on this reject notice shows the incorrect data fields. Research for correct data and reinput using the formats in [Attachment 27H-2](#), [Attachment 27H-3](#), and [Attachment 27H-4](#). If correct data are not found, input 1SQ to generate a SNUD stock number interrogation to AFMC. (See [Attachment 27H-7](#) for 1SQ format.) Process AFMC output from these stock number interrogations according to [Attachment 27H-6](#).

27.75.2. Establishing and Deleting Base Interest in an Item in SNUD. The BDFA will establish base interest in the item in the SNUD (DO71) system, and will cause a full range of stock control data to be returned to the base by an automatic interface between the AFMC central systems. The BVAC12 (inquiry) will ask the AFMC BASE (D046) system for current ammunition data. The BDFD will delete the base interest in the item from the AFMC SNUD (DO71) system. The BVAC09 (inquiry) reports are inquiries which ask the AFMC BASE (D046) system for current stock control data.

NOTE:

A BVM will be returned from AFMC on input of a BVAC12.

27.75.3. Processing of AFMC Output from Daily SNUD Add/Delete/Inquiry Reports. Records Maintenance personnel will process AFMC output from daily SNUD add/delete/inquiry (as outlined in [Attachment 27H-6](#)).

27.75.4. Processing of Item Records with IEX 3 or 6. When stocklist change reports (BM(x), BN(x), BVE, or BV4) process for item records with IEX 3 or 6, the following will take place: the record will be frozen with a P, an F014 management notice will be produced, and a bulk issue request (BIR) input will be produced under program control.

27.76. Weekly Stocklist Changes.

27.76.1. Processing of ISG Data Inputs. Routine ISG data formats (BDS) are output weekly through the Stock Number User Directory (SNUD). Records Maintenance personnel will process this output (see [Attachment 27H-6](#)).

27.76.2. Processing of Priority Stock Control and RIMCS Data Changes. Priority stock control and urgent RIMCS data changes (document identifier codes BM(x), BN(x), and BDR) are also output on

a weekly basis. Process these changes according to the effective date on the input. Priority stock control data changes are limited to the following:

27.76.2.1. Reactivation of an item from disposal status.

27.76.2.2. Change of items from active to condemned (JCK).

27.76.2.3. Correction of significant price errors.

27.76.3. Processing of Ammunition Data Changes. Ammunition data changes (BDM) are output weekly by AFMC. (Process these inputs inline according to [Attachment 27H-6.](#))

27.77. Monthly Stocklist Changes.

27.77.1. Distribution of Stock-List Changes. Routine stock control, transportation, and RIMCS data changes (document identifier codes BM(x), BDT, and BDR) are distributed through SNUD to recorded users of the applicable stock numbers. These changes are distributed monthly--during the second week of the month prior to the effective date.

27.77.2. Processing of Catalog Management Data Changes. Process catalog management data (CMD) changes as follows: 1) at the close of business the last day of the month, or 2) at the beginning of business the following month. CMD changes are processed based on the effective date of the input. **NOTE:** When possible, process CMD changes after end-of-month (EOM) processing. This policy allows approximately one month for detecting and correcting inaccurate CMD updates. Numerous updates or the necessity to provide continued inline support may require changes in this policy. In these situations, process CMD changes as soon as possible after the effective date.

27.77.3. BV8/BDR. Management of RIMCS is a joint responsibility of Records Maintenance and Repair Cycle Support.

27.78. SNUD Annual Reconciliation.

27.78.1. Schedule of SNUD Participants for Reconciliation. Stock Number User Directory (SNUD) participants must verify their Standard Base Supply System (SBSS) database with the AFMC SNUD file annually. The following schedule identifies by month when bases within the specified command must process their annual SNUD reconciliation. This schedule can also be found on AFMC's website and may contain a list of specific SRANs for the applicable month: <http://www.afmc.wpafb.af.mil/HQ-AFMC/LG/lgi-page/lgis/index.htm>.

Table 27.4. SNUD Reconciliation.

February	Air National Guard
February	Air Force Special Operations Command
February	Air Intelligence Agency
February	Air Force Academy
February	Headquarters USAF - AFTAC
March	Air Force Space Command
March	Air Force Reserve Command
March	Air Force Communications Agency
April	Air Force Materiel Command
May	Air Mobility command

June	Air Combat Command
July	Air Combat Command
August	Air Education and Training Command
September	No Reconciliation Processing
October	US Air Forces In Europe
November	Pacific Air Forces

NOTE:

Host account reconciliations include all supported satellite accounts regardless of the satellite major command. (EXAMPLE: ANG units supported by Air Combat Command (ACC) host bases will be reconciled with ACC.)

27.78.2. Participants must submit requests for schedule changes through their major command to:

Department of the Air Force

Logistics Information Support Office (AFMC LSO/LGIS)

Attn: Gregg Bowerman

74 Washington Ave N, Suite 8

Battle Creek MI 49017-3094

27.78.3. Base Supply Actions for Reconciliation. The COS may delegate these responsibilities to Records Maintenance or Computer Operations. The responsible office will take the following actions for reconciliation during scheduled month:

27.78.3.1. Schedule the processing of program NGV071, SNUD Reconciliation, preferably by the second weekend of the month.

27.78.3.2. A BDFR image report or file on tape for each item in the stock record account eligible for SNUD will be produced.

27.78.3.3. This BDFR file will be transmitted via FTP to AFMC.

27.78.4. AFMC Reconciliation Actions. After reconciliation, Air Force Materiel Command will take the following action:

27.78.4.1. Delete user interest in stock numbers for which the submitting activity is a registered user.

27.78.4.2. Establish user interest in stock numbers submitted by the activity in the reconciliation.

27.78.5. Output. Further processing by AFMC will result in the following output to the user:

27.78.5.1. Current stock number catalog data are output when at least one element of input base data does not match AFMC central files.

27.78.5.2. Current transportation data are output when at least one element of input base transportation data does not match AFMC central files.

27.78.5.3. All RIMCS, I&S, and ammunition data are automatically output for stock numbers of which the base is a registered user.

27.79. Requesting/Reporting Specific Types of Data.

27.79.1. Inquiry of the AFMC Central Files. The AFMC Base Account Screening Exercise (BASE) D046 system allows activities to inquire of the AFMC central files 1) the specific types, or 2) a complete range of data. The input and option codes submitted determine the type of data obtained.

27.79.2. Requesting a Complete Range of Data. An activity may ask AFMC, by letter of request, to automatically send the following data for the activity's particular stock record account: a complete range of part number, ISG, Reparable Item Movement Control System (RIMCS), or transportation data. Procedures to request this data are contained in [volume 1, part 1, chapter 7, section C](#).

27.79.3. Requesting Current Data. If an activity suspects its local records contain inaccurate data, the activity will input a TRIC 1SQ, SNUD stock number interrogation, to generate a BVAC to AFMC for current data for that particular stock number. For example, misrouted requisitions or reparable shipments indicate the routing identifier code or RIMCS data on the base's records are inaccurate. Input of 1SQ with specific option codes generates BVAC images to AFMC for specific types of data. For example, input of a 1SQ option code 09 queries AFMC for the most current catalog management data (CMD), or option code 14 queries AFMC for current RIMCS data. Detailed procedures and formats for inquiring the BASE (D046) system are contained in [volume 1, part 1, chapter 7, section C](#). When a part number is loaded with less than 11 positions and a Commercial and Government Entity (CAGE) reference number, input a 1SQ with the part number and no option code. This generates a BVUC25 to AFMC. 1SQ inputs are not allowed for part numbers with ZZZZZ CAGE. The AFMC D046 system will not accept BVUC25 interrogations without a valid CAGE and part number.

27.79.4. Recommendation for Data Revision. If the base does not agree with the response to the data being questioned, Records Maintenance personnel will forward a request for verification or a recommendation for revision to the person responsible for that data. Specific guidance for routing inquiries pertaining to catalog management data (CMD) is contained in [volume 1, part 1, chapter 7, section B](#), and the introduction to the Management Data List (ML-AF).

27.80. Reserved For Future Use.

27.81. Formats and Data Elements.

27.81.1. Formats. Input and output formats are contained in [volume 1, part 1, chapter 7](#).

27.81.2. Data Elements. Data elements and their definitions are contained in [volume 1, part 4, chapter 1](#).

27.82. Reserved .

27.83. Assignment of Excess Cause Flags.

27.83.1. File maintenance programs assign an excess cause flag of C when none is on the item record and the following conditions exist:

27.83.2. ERRCD Code Changes:

27.83.2.1. XB to XD/XF/ND/NF.

27.83.2.2. XF to XB/XD/ND/NF.

27.83.2.3. XD to XB/ND/NF.

27.83.2.4. ND/NF to XD/XF/XB.

27.83.3. Budget Code Changes:

27.83.3.1. Blank to 9, except when the expendability, recoverability, reparability cost designator (ERRCD) change is XD to XF, or ND to NF.

27.84. Defense Inactive Item Program.

27.84.1. Objective of the Defense Inactive Item Program. The objective of the defense inactive item program (DIIP) is to eliminate all unneeded items, reducing the item inventory to the minimum level necessary for mission accomplishment.

27.84.2. Item Manager's Actions. To help ensure the program objective is achieved, item managers will take the following action:

27.84.2.1. Conduct a systematic review of managed items.

27.84.2.2. Identify potentially inactive items.

27.84.2.3. Remove the inactive items, when identified, from the file.

27.84.3. Program NGV448 processing. As a result of the item manager's actions, SNUD forwards inactive item reports (IIRC) document identifier code BDD (BDE for follow-ups). BDD/BDE images are processed inline from SIFS by program NGV448.

27.84.3.1. If, based on the review, the item is no longer required, the program will: code the BDD/BDE DL (deletion) in positions 65-66, enter the five-position ordinal date in positions 69-73, and convert the DIC in positions 1-3 to BDG (BDH followups).

27.84.3.2. If, based on the review, the item is to be retained because of a current or projected requirement, the program will: code the BDD/BDE RE (retention) in positions 65-66 enter retention reason codes 1 or 2 in position 44, enter the five-position ordinal date in positions 69-73, and convert the DIC in positions 1-3 to BDG (BDH for followups). Definitions of and directions for retention reason codes 1 and 2 are given as follows:

27.84.3.2.1. Retention reason code 1 (RRC1). Active items do not necessarily create demand within the specified time periods, but they are essential to current or future mission requirements.

27.84.3.2.2. Retention reason code 2 (RRC2). Semi-active items must be retained in the supply system because 1) stocks of the item are on hand or in use below the wholesale level, or 2) in-use assets are being reported.

27.84.4. Output of BDG/BDH Responses. BDG/BDH responses will be output to AFMC based on RID through DAAS.

Section 27I—INTERCHANGEABLE AND SUBSTITUTE GROUPS.

27.85. Overview.

27.85.1. Section Summary. This section defines ISG items. It outlines what factors you must use to establish each grouping, and what procedures you must use to maintain the AFMC Interchangeable and Substitute Data Maintenance System (D043B). Next, this section tells you how to establish the Standard Base Supply System (SBSS) ISG, and how to set up ISG relationships for local use. Proce-

dures to process the D043B update program (NGV404), D043B X file relationships, and program GV403 ISG cleanup are then explained. Finally, input format for loading, changing, and deleting an ISG record appears in this section's attachments.

27.85.2. Definition of ISG. Interchangeable and substitute groups (ISG) consist of items that are similar physically and functionally. In other words, ISG items may be substituted for one another and used to do comparable work. After performing these similar tasks, ISG items must consistently provide the same quality of performance. Each group is also designed to contain items that have management data compatibility.

27.85.3. Purpose of the Standard Base Supply System ISG. The Standard Base Supply System (SBSS) ISG provides bases with information about items that may be used interchangeably for local use. Stock numbers on the SBSS ISG record are arranged in sequence by ISG order code within relationship code: master, interchangeable, substitute, components, next higher assembly, and repair kits. By using this information, each base may select suitable substitute items from a wide range of relationships and adapt these items for local use. Maximum use of these interchangeable and suitable substitutes will reduce waste throughout the Air Force.

27.86. Interchangeable and Substitute Group (ISG) Correspondence.

27.86.1. Computerized ISG Inquiries. BVAC10 and XXX inquiries are normally produced under program control. However, input of a 1SQ, SNUD stock number interrogation, with option code 10 also produces these inquiries.

27.86.2. Manual Correspondence. Records Maintenance will manually prepare inquiries that concern ISG items. Prepare inquiries manually only when required by procedures in this section. Address manual inquiries to AFMC CASO/ LODS, Federal Center, Battle Creek MI 49016.

27.87. AFMC Interchangeable and Substitute Data Maintenance System (D043B).

27.87.1. Purpose of D043B System. Interchangeable and substitute groups (ISG) for supply items are loaded and maintained on computer through the D043B system. The D043B system contains three files: 1) D043B J contains items that AFMC considers completely compatible; 2) D043B X contains relationships that, according to AFMC, contain incompatible management data or are not completely comparable in functional performance; 3) D043B R contains a record of responses to base XXX inquiries. The stock numbers and their relationships recorded in files D043B J and D043B X are published in the USAF ISG stock list (SL-ISG). Data from these three files are sent in BDS/BVS format, through SNUD, to registered users. **NOTE:** For the remainder of this section, the D043B J, D043B X, and D043B R files will be referred to as J, X, and R files.

27.87.2. D043B Processing Procedures. Records Maintenance personnel maintaining the base ISGs should be thoroughly familiar with the D043B system and its influence on the SBSS. For complete D043B processing procedures, refer to [volume 1, part 1, chapter 7](#), and the introduction to SL-ISG.

27.87.3. The J File. This file contains groups of items that are completely interchangeable (or suitable substitutes) and contain compatible management data. These groups of items are organized as follows:

27.87.3.1. Subgroups. Each group of items is divided into subgroups. Each subgroup is identified by a sequentially assigned alphabetical code (AA, AB, AC, etc.). The first subgroup (AA)

indicates the least preferable item or group of like items; each successive subgroup indicates a more desirable item or group of items.

27.87.3.2. Parts preference code. The order in which items in the same subgroup are used is controlled by the parts preference code (AAA, AAB, AAC, etc.). Items with a restrictive application are assigned a numeric parts preference code (AA2, AA3, AA4, etc.).

27.87.3.3. Order of use code. This code is formed by combining the subgroup and parts preference code. The order of use code indicates a one-way relationship between a subgroup and stock numbers in a more preferable subgroup:

27.87.3.3.1. Interchangeable items. The first two positions indicate the items are fully interchangeable when placed in the same subgroup within the same ISG (AA). The third position (A, B, and C) indicates the order of use for the interchangeable items.

27.87.3.3.2. Substitute items. The first two positions indicate the items are suitable substitutes when placed in different subgroups within the same ISG (AAA, ABA, etc.). **NOTE:** One-way interchangeable conditions are explained as follows: Customer requirements for items in subgroup AA(x) can be satisfied in all conditions from the items in subgroup AB(x), but requirements for items in subgroup AB(x) cannot be satisfied from items in subgroup AA(x).

27.87.4. The X File. This file contains relationships between items that, according to AFMC, are not completely comparable in functional performance or that contain incompatible management data. These conditions are explained as follows:

27.87.4.1. Limited substitute relationships. Items in this category cannot be issued freely or used in place of older items or items with less performance capabilities. However, such items can be used as suitable substitutes at certain bases.

27.87.4.2. Interchangeable and substitute relationships. Items in this category cannot be recorded in the J file because the relationships contain incompatible management data or the Air Force is not a recorded user of an item.

27.87.5. The R File. This file contains a record of responses to base XXX inquiries. Relationships in this file are not contained in the X or J file. They may, however, be moved to the X or J file after AFMC Cataloging and Standardization Office (CASO) actions are completed. AFMC will delete relationships that are moved from this file to the X or J file.

27.88. Source Data For Establishing SBSS ISG.

27.88.1. The AFMC D043B System. The AFMC D043B system is the primary source used to establish base level interchangeable and substitute groups (ISG). The D043B file is updated weekly; changes are forwarded through the SNUD D071 system to bases registered as users of one or more stock numbers in the ISG. The D043B file is published quarterly in the SL-ISG, which may be used to help establish local relationships.

27.88.1.1. Changes to AFMC D043B data before storage in SBSS records. The base level ISG system is established on information passed by the AFMC D043B system. But the data undergo certain changes before they are stored in the SBSS database records. Specifically, the three-position AFMC order of use code from J file records is changed as follows: 1) the first position of the subgroup code is dropped, 2) the second position is stored as the item record ISG source code, and 3) the third position is stored as the item record parts preference code. **NOTE:** The ISG source

code and the parts preference code combine to form the item record ISG order code. For example, store the AFMC order use code ABA as BA in the item record ISG order code field.

27.88.1.2. Establishing ISG relationships from J file data. The base level ISG system crosses AFMC subgroups when establishing ISG relationships from J file data (for examples of how D043B groups items, see [Attachment 27I-3](#), example 1). This crossover occurs because, at any given base level activity, items in different subgroups can possibly be used interchangeably. (When changes to D043B established groups are required.)

27.88.1.3. Creating substitute relationships. The base level ISG creates substitute relationships when the management data are not compatible between the SBSS master item and other items within the same D043B ISG.

27.88.2. Establishing Relationships with a Substitute Item. When processing Military Standard Requisitioning and Issue Procedures (MILSTRIP) status, receipts, or push due-ins--which indicate that a substitute item is being supplied--the computer automatically evaluates the controlling data on the two items and determines if a relationship can be established. The following criteria are used to determine the type of relationship to establish:

27.88.2.1. Interchangeable relationships. Interchangeable relationships are set up (under program control), except as noted in (2) or (3) below. If one of the items is already in an ISG, the remaining item is loaded to that ISG as an interchangeable. When neither stock number is in an ISG, the requisitioned item is loaded as the master; if it has a numeric parts preference code, the master will be the supplied item.

27.88.2.2. Substitute relationships. Set up substitute relationships under the following conditions:

27.88.2.2.1. Different units of issue.

27.88.2.2.2. Munitions items with different reporting codes.

27.88.2.2.3. Both items in different D043B ISGs.

27.88.2.2.4. Either stock number already in an ISG as a substitute.

27.88.2.2.5. Different source of supply.

27.88.2.3. No relationships. Relationships are not set up under the following conditions:

27.88.2.3.1. Either item is already in an ISG as a component, next higher assembly, or repair kit.

27.88.2.3.2. Both items are in a different ISG as master or interchangeable items.

27.88.2.3.3. One or both items are in the fuels (P) stock record account.

27.88.2.3.4. Both items are not in the same type stock record account.

27.88.2.3.5. Incompatible ERRCD codes.

27.88.2.4. Establishing Master/Interchangeable Relationships. Records Maintenance may establish locally determined relationships from information contained in Tables of Allowances, technical order parts list, or information submitted by base activities. Master/interchangeable relationships cannot be established between items in different AFMC D043B ISGs. When master/interchangeable relationships are established, specify the master stock number by the TRIC FIS input.

27.89. Composition of a Base Level Interchangeable and Substitute System.

27.89.1. Purpose of Relationship Codes. A base level ISG consists of 2-24 items. Relationships are established among these items. A relationship code specifies the relationship between two items within an ISG.

27.89.2. Master Item (Relationship Code M).

27.89.2.1. Definition of master item. An ISG may contain only one master item. The master item must be a suitable substitute for interchangeable in the ISG: the master must not only have the same physical and functional characteristics of but also be as suitable for local use as each interchangeable in the ISG. The designation of master is determined by the type stock record account code and reportability of the items within an ISG.

27.89.2.2. Selecting the master for equipment items. The master item for an ISG containing equipment items will be the D043B most preferable item for which an item record is loaded. In groups with a source other than the D043B, the master is the requisitioned item or stock number specified by the requesting base. Once the ISG is established, bases may use FIS inputs to rearrange the ISG so they conform to local requirements.

27.89.2.3. Selecting the master for other than equipment items. ERRCD XD, XF, or XB items normally are loaded by the D043B update processing (program NGV404). The most preferred item (the AFMC master item) is loaded to the base level ISG as the last interchangeable item. The least preferred item, other than stock numbers with a numeric parts preference code, is specified as the SBSS master item. Bases may use FIS processing and ISG source code 7 to set up ISGs for these items. AFMC verifies these groups automatically. Once these groups are established, bases may use FIS inputs to designate the master of the groups so they conform to local requirements. **CAUTION:** DO NOT use FIS inputs to delete the AFMC master item.

27.89.2.4. Determining the SBSS master stock number for groups of expendable items. The SBSS master stock number for groups of expendable items is determined by the source of the ISG as follows:

27.89.2.4.1. In groups that have D043B ISG update processing (NGV404) as their source, the base level master stock number is the least preferred item.

27.89.2.4.2. In groups that have a source other than D043B the SBSS master item is assigned.

27.89.3. Interchangeable Items (Relationship Code I). Interchangeable items can be exchanged for the master or other interchangeables in the same ISG: they have the same physical and functional characteristics of and are as suitable for local use as the master or other interchangeables. Interchangeables have a two-way relationship with the items they replace. When interchangeables are exchanged for these items, neither the interchangeable nor the items they replace are changed.

27.89.4. Substitute Items (Relationship Code S). Substitute items have the same (or similar) physical characteristics as other master, interchangeable, or substitute items in the ISG. Substitute items can be used in place of these items only for particular uses or under certain conditions. Stock numbers that are freely interchangeable but have incompatible management data and items with a one-way relationship are also loaded as substitutes.

27.89.5. Next Higher Assembly (Relationship Code H). A requested item may be an end item--a complete unit in itself. But a requested item may also be a part (a subassembly) of a larger item (the next higher assembly). If a requested item is not in stock, you may be able to purchase it as part of the

next higher assembly. Stock Control can reference asset notices (made from your due-out) to check whether the item is in stock as part of the next higher assembly. Relationship code H identifies for Stock Control the next higher assembly that contains the item you requested.

27.89.6. Repair Kit (Relationship Code K). Relationship code K identifies a repair kit that can be used to repair a requested item. A repair kit is a package of selected maintenance and overhaul parts. Normally grouped into one package of selected bits and pieces, these parts are identified as a single item within the same commodity class as the end item needing repair. Use this kit when other means to repair the item are not available.

27.89.7. Component Part (Relationship Code C). A component part is an item manufactured for use in assemblies, subassemblies, end items, or end products. These parts are listed in the blueprint, drawing, technical order, or specification of the assembly, subassembly, end item, or product in which they are to be used. (NOTE: Parts of items or assemblies that are completely replaced during overhaul or repair--nuts, bolts, gaskets, O-rings, etc.--are not component parts.) If a requested component part is not in stock, you may be able to purchase it as part of a major end item. Relationship code C identifies for Stock Control assemblies of a major end item. When processing other asset notices for due-outs on the major end item, Stock Control can check whether the requested component part is in stock as part of the major end item.

27.90. ISG Constraints and Limitations.

27.90.1. Review the following restrictions before loading stock numbers to an ISG.

27.90.2. Items Excluded from ISG. The following items will reject if you try to load them into the computer:

27.90.2.1. Items in the fuels account.

27.90.2.2. Dash stock numbers (adjunct records).

27.90.3. Contents of an ISG. Base level ISGs contain the following elements:

27.90.3.1. Items that have the same type stock record account number.

27.90.3.2. Must have at least two stock numbers, but cannot exceed twenty-four (24).

27.90.3.3. An interchangeable and substitute group must consist of one master (M) and at least one interchangeable (I), but not more than twenty-three (23). Other stock number relationships can consist of substitutes (S), component parts (C), next higher assembly (H), and/or repair kit (K).

27.90.3.4. A substitute group that does not have a master or interchangeable. These groups are established by local management when items have the same characteristics but must be reviewed by the user before issue can be made.

27.90.3.5. A master, when the ISG also contains an interchangeable.

27.90.4. Loading Restrictions for Stock Numbers. Stock numbers are loaded to a base level ISG under the following restrictions:

27.90.4.1. Load each stock number to only one ISG.

27.90.4.2. Load, in an ISG with master/interchangeable relationships, only stock numbers that have the following characteristics:

27.90.4.2.1. Equal unit of issue.

27.90.4.2.2. Compatible ERRCD (compatibility edits are waived for equipment items).

27.90.4.2.3. Equal munitions reporting codes.

27.90.4.2.4. Equal RAMPS report codes.

27.90.4.2.5. Equal source of supply.

27.90.4.3. The D043B master stock number in an ISG must be loaded in each system designator that contains a D043B interchangeable.

27.90.4.4. When a base master stock number is deleted, the system selects the next interchangeable stock number from the ISG record and re-identifies it as the base master regardless of the system designator.

27.90.5. Master/Interchangeable Items with IEX code 3, 6, E, or K. If, when you load or add items to an ISG, the master or an interchangeable item in the ISG has an IEX of 3, 6, E, or K, that IEX code will be assigned by the computer to the master and all interchangeables in the group. **NOTE:** Substitute items in the ISGs must be reviewed by Retail Sales personnel to determine if these items should be stocked. When personnel decide the items should be stocked in a retail sales outlet, an FCD must be processed to assign the appropriate IEX code.

27.91. ISG Order Code.

27.91.1. Purpose of the ISG Order Code. This code is a combination of two data elements: the source code (the first character) and the parts preference code (the last character). The ISG order code identifies the preference for an item relative to other interchangeables in the same ISG. This code is stored on the item record and updated by FIS or NGV404 processing.

27.91.2. Purpose of the ISG Source Code. This code identifies the source used to establish relationships between items. On the item record, the field for the ISG code is blank when the item is not in an ISG.

27.91.3. Acceptable ISG Source Codes. Definitions of acceptable ISG source codes are as follows:

27.91.3.1. An alpha character identifies D043B grouped items. For example, an X identifies X file processing. **NOTE:** Alpha codes may be assigned to an item by FIS processing if the item's current source code is 9.

27.91.3.2. A numeric character identifies a relationship that is established locally or under program control. The source code may be different from that in the D043B system.

27.91.4. Types of Numeric Characters. The use of and definitions for acceptable numeric characters are as follows:

27.91.4.1. Code 2. Items originally established as code 7 are changed to code 2 (by the computer) when XXR response or R file processing shows a valid relationship exists between the items. Records Maintenance may assign code 2 with FIS change inputs when the item's current source code is 7.

27.91.4.2. Code 3. Items originally established as code 7 are changed to code 3 (by the computer) when XXR response or R file processing shows a valid relationship exists between the

items. Records Maintenance may assign code 3 with FIS change inputs when the item's current source code is 8.

27.91.4.3. Code 4. Items originally established as code 7 are changed to code 4 (by the computer) when XXR response or R file processing shows no D043B relationship exists between the items. Records Maintenance may assign code 4 with FIS change inputs when the item's current source code is 7.

27.91.4.4. Code 6. This code identifies items that are component parts, next higher assemblies, or repair kits for one or more of the other stock numbers in the ISG. Code 6 can be assigned by Records Maintenance with FIS inputs or under program control from X file processing.

27.91.4.5. Code 7. This code identifies items grouped by local Records Maintenance processing of FIS inputs as substitutes or complete interchangeables. Code 7 is temporary; it is changed to an alpha, 2, or 4 when AFMC processes the XXX inquiry, produced when this ISG relationship is made. Items with incompatible management/controlling indicative data can be used only as substitutes.

27.91.4.6. Code 8. This code identifies items grouped as a result of MILSTRIP status, push due-in, or receipt processing. Assigned through the SBSS program, code 8 is temporary; it is changed to an alpha or 3 when AFMC processes the XXX inquiry, produced when this ISG relationship is made. If AFMC reports an invalid relationship between items, that relationship will be broken under computer control. Code 8 cannot be assigned.

27.91.4.7. Code 9. This code identifies D043B grouped relationships that are not compatible with the relationship required for base use. **NOTE:** When a relationship is identified as code 9, local management may find it necessary to assign other item record exception data to the items. For example, local management may assign the requisition exception (REX), issue exception (IEX), or excess exception (EEX) code. For specific information on item record exception data, see chapter 19.

27.91.4.7.1. Changing an item from interchangeable to substitute. AFMC D043B grouped items originally identified as master/interchangeables that cannot be used for all other items in the base level ISG must be changed to substitutes. To make this change, bases must process an FIS input to change the master/interchangeable to a substitute, and assign ISG source code 9 to the items.

27.91.4.7.1.1. If the noninterchangeable items are in the same subgroup, Records Maintenance must forward to AFMC Cataloging and Standardization Office (CASO) detailed correspondence describing any differences in physical or functional characteristics among the items.

27.91.4.7.1.2. If the noninterchangeable items are in different subgroups, do not forward correspondence to AFMC CASO: CASO already knows that a fully interchangeable relationship does not exist between items in different subgroups. (For examples of how the D043B system groups items, see [Attachment 27I-3](#), examples 3 and 4.)

27.91.4.7.2. Changing an item from master to interchangeable. An item established by the AFMC D043B ISG Update (program NGV404) as the base level master item can be changed to an interchangeable. To make this change, the following actions must be taken:

27.91.4.7.2.1. Bases must assign source code 9 to the items and change the relationship to I (interchangeable).

27.91.4.7.2.2. The program will then select as the new master item the next interchangeable that does not have an ISG source code of 9 or a numeric parts preference code. You may repeat this procedure until the desired stock number is established as the master item. Do not forward correspondence to AFMC CASO for this procedure. (For an example of how the computer selects the master item, see [Attachment 27I-3](#), example 2.)

27.91.5. Characters Assigned to the Parts Preference Code. The purpose of alpha and numeric characters and how they are assigned to parts preference codes (NPPC) are discussed as follows:

27.91.5.1. An alpha character assigned to a parts preference code indicates the order of preference among items within a subgroup. Parts preference code Z is assigned to the AFMC master item by the AFMC D043B ISG Update (program NGV404) processing.

27.91.5.2. A numeric character assigned to a parts preference code identifies items with restrictive use. The numeric character is assigned to the code by AFMC D043B ISG Update (program NGV404) processing, SNUD, or FCD processing. **NPPCs not only specify why the item is unsuitable for normal issue and/or use but also identify limitations of and alternative uses for the item.**

27.91.6. Types of Numeric Parts Preference Codes. The use of and definitions for acceptable numeric parts preference codes are as follows:

27.91.6.1. Code 2 (Disposal). This code identifies an inactive disposal item--an item that the system manager (SM) or item manager (IM) has decided is no longer required or has limited use. Base items may be issued when they can satisfy a local need. NPPC 2 is normally assigned during SNUD processing when an N phrase code is entered in position 32 of the input.

27.91.6.2. Code 3 (Condemned). This code identifies an inactive condemned item--an item with a technical deficiency that has safety-of-flight or other hazardous implications. **CAUTION:** Do not issue these items to base activities. Depending on how code 3 is assigned to an item, take the appropriate action as follows:

27.91.6.2.1. Code 3 assigned by AFMC D043B ISG Update. Items that are assigned code 3 by AFMC D043B ISG Update (program NGV404) become substitutes in the base level ISG. On the item record, the demand data field for code 3 items will be blanked after information in the field is transferred to the demand data field for the group master item. If a master item does not exist, the demand data will be blanked under computer control.

27.91.6.2.2. Code 3 assigned by other means. When code 3 is assigned to an item by means other than AFMC D043B ISG Update, the computer changes the item to an interchangeable and produces a SNUD inquiry to verify the code was assigned. Demand data fields are not blanked at this point.

27.91.6.3. Code 4 (TCTO). This code identifies items that require time compliance technical order (TCTO) action. NPPC 4 is assigned only to items that have changed form, fit (specification of size), or function. Items with these changes must be reidentified and assigned a new national stock number (NSN). For instructions to assign a new NSN (see chapter 14, [section 14B](#)). **NOTE:** The TCTO flag code is assigned to items that need modifications for reasons other than having changed in form, fit, or function. Assigning the TCTO flag will prevent issue of unmodified items. NPPC 4 is not authorized for bench stock items.

27.91.6.4. Code 5 (Nonpublished). This code identifies disposal items that can no longer be provided or supported because the items are old or the IM/SM cannot obtain spare parts for them.

On-hand items may be used until they are gone or until the cost to repair the code 5 item meets the requirements for being condemned.

27.91.6.5. Code 9 (Restricted Issue). This code identifies items that are not acceptable for Air Force use. Depending on how code 9 is assigned to an item, take the appropriate action as follows:

27.91.6.5.1. Code 9 assigned by AFMC D043B ISG Update. Items that are assigned code 9 by AFMC D043B ISG Update (program NGV404) become substitutes in the base level ISG. On the item record, the demand data field for code 9 items will be blanked after information in the field is transferred to the demand data field for the group master item. If a master item does not exist, the demand data will be blanked under program control.

27.91.6.5.2. Code 9 assigned by other means. When code 9 is assigned to an item by means other than AFMC D043B ISG Update, the computer changes the item to an interchangeable and produces a SNUD inquiry to verify the code was assigned. The demand data field is not blanked at this point. **NOTE:** NPPC 9 is not authorized for bench stock items.

27.91.7. Loading, updating, and processing NPPCs.

27.91.7.1. Loading NPPCs. NPPC codes for unsuitable items identified by base activities are loaded to item records by Stock Control. To begin this loading action, process an FCD number 2 format.

27.91.7.1.1. When NPPC 3, 4, or 9 is loaded and the item in the computer contains an IEX code 3, 6, E, or K, Stock Control must process an FCD input to delete the IEX code. If NPPC 4 or 9 is assigned to a bench stock item, the computer will delete the bench stock and EOQ consumption data for the NSN.

27.91.7.1.2. When NPPC 2 or 5 is loaded and the item in the database contains IEX 3, 6, E, or K, do not delete the IEX code and do not assign IEX D.

27.91.7.2. Updating NPPCs. Stock Control must process an FCD input (see Chapter 19) to update the item records for all system designators. A notice for each record updated is produced by the computer.

27.91.7.3. Processing Output Notices (F110-F111-034). Output notices are processed as outlined below:

27.91.7.3.1. Inactive disposal and non-published (codes 2 and 5).

27.91.7.3.1.1. When a replacing stock number is assigned to an inactive item, the replacing number is identified in the input or by the order of use if the inactive stock number is in a D043B ISG. If necessary, Records Maintenance must 1) load an item record for the replacing stock number, and 2) begin action to load the inactive and replacing stock numbers into an ISG as master and interchangeable. When the items cannot be related as master/interchangeable, load the items as substitutes; next, transfer the consumption data from the inactive item to the replacing stock number. Keep the inactive item's assets until they are worn out or no longer needed.

27.91.7.3.1.2. When a replacing stock number is not available, Stock Control must determine whether the item should be retained. If a valid requirement exists for the item (levels, in-use, bench stock, WRM, etc.), Records Maintenance must submit AF Form 86 to

the applicable IM. If a valid requirement does not exist, Stock Control must process inputs to dispose of the assets and delete the item record.

27.91.7.3.2. For procedures to process F111 management notices, see chapter 14, section 14B.

27.91.7.3.3. **Condemned (code 3).** Stock Control must notify all elements that maintain assets for the condemned item (supply point, MRSP, DIFM, bench stock, etc.) to turn in those assets. Next, begin necessary actions to dispose of all existing stock, and delete the item record. If a replacing stock number is available, work with Demand Processing to load an item record, when required; then transfer the demand data to the replacing stock number. Also, provide the replacing stock number to all activities that maintain assets for the condemned stock number.

27.91.7.3.4. **Restricted issue (code 9).** When D043B processing (program NGV404) assigns NPPC 9 to an unsuitable item, the program takes the following actions:

27.91.7.3.4.1. Loads an item record for the replacing stock number, if necessary, and relates the items in an ISG.

27.91.7.3.4.2. Transfers the demand data from the NPPC 9 item to the replacing stock number.

27.91.7.3.4.3. Changes the NPPC 9 item to a substitute.

27.91.7.3.4.4. Stock Control will review the F110 management notice and report all on-hand assets as excess to the inventory manager or process them to DRMO.

27.91.7.3.5. **Distribution of notices.** If the item is managed by Retail Sales (IEX 3, 6, E, or K), forward a copy of the notice to Retail Sales after processing of the notice is complete.

27.91.8. **Examples of ISG Order Codes.** Specific examples of ISG order codes are as follows:

Table 27.5. ISG Order Code Examples.

CODE	DEFINITION
AC	The alpha source code identifies the item as a J file record in subgroup A. The alpha parts preference code C indicates the order of preference of the item in the subgroup.
CZ	The alpha source code identifies the item as a J file record in subgroup C. The alpha parts preference code Z identifies the item as the AFMC master item.
X (blank)	The alpha source code identifies the item as a J file record in sub-file X. The blank parts preference code indicates the base did not assign a preference for the item's order of use among other items in the same subgroup.
B4	The alpha source code identifies the item as a J file record in subgroup B. The NPPC 4 identifies the item as being unsuitable for normal issue.
7 (blank)	The numeric source code 7 identifies the item as being grouped with other items by local Records Maintenance processing of FIS inputs. See X (blank) for definition of the blank parts preference code.
2 (blank)	The numeric source code 2 indicates that Records Maintenance has, through XXR or R file processing, determined that a valid relationship exists. See X blank for definition of the blank parts preference code.
4 (blank)	The numeric source code 4 indicates that Records Maintenance has, through XXR or R file processing, determined that an invalid relationship exists. See X (blank) for definition of the blank parts preference code.

8A	The numeric source code 8 identifies the item as being related to other items through MILSTRIP status, push due-in, or receipt processing. The alpha parts preference code A indicates the item is a J file record in subgroup A.
(blank) 3	A blank source code identifies this item as not being in a base level ISG. The NPPC 3 indicates restrictive usage/application of the item.
9A	The numeric source code 9 indicates that FIS processing has identified the item as not being fully interchangeable for base application/use. The alpha parts preference code indicates the item is a J file record in subgroup A.
(blank)	The blank ISG order code field indicates the item is not in an ISG and does not have a restrictive application.

27.92. Establishing Relationships for Local Use.

27.92.1. Purpose of Establishing Local Relationships and Groups. Local relationships and groups are established to make it easier for bases to use and requisition items.

27.92.2. Submitting Requests to Load New Groups and Items or Delete Stock Numbers. The using/requiring base organization must submit to Records Maintenance a written request to load new groups, load items to existing groups, or delete stock numbers from an ISG. **EXCEPTION:** The Chief of Supply may ask Stock Control or another Standard Base Supply System (SBSS) activity to prepare and forward the written request to the using/requiring organization for approval.

27.92.2.1. Request requirements. As part of its request, the organization must include a justification for setting up local relationships and groups or deleting items.

27.92.2.1.1. Justification for setting up local relationships/groups. To show the item or group in the request is equal to other specified item(s) in application, performance, and durability, the request must specify the following information: intended use, limitations, technical order data, physical or functional characteristics, catalog data, etc.

27.92.2.1.2. Justification for deleting items from D043B grouped ISG relationships. To show the item in the request is incompatible with other items in the same ISG, the request must specify the following information about that item: limitations, technical order data, differences in physical or functional characteristics, etc.

27.92.2.2. Requesting items. All requests must be signed by the Operations or Logistics Commander (or the designated representative) or someone of equal position in nonmaintenance organizations. Depending on the type of item being requested, take the appropriate action as follows:

27.92.2.2.1. Requesting items that are used by more than one organization. An organization requesting an item(s) that will be established in a master/ interchangeable relationship and used by other organizations must first check with the other users before submitting the request. Records Maintenance personnel will make sure that all using organizations are in agreement with the request: they will screen the Consolidated Transaction History Register for all organizations having issues/due-outs within the previous six months.

27.92.2.2.2. Requesting administrative supplies/hand-tools. The Chief of Supply may grant a written waiver for requests to establish local relationships on administrative supplies/hand-tools--items normally stocked by the Base Service Store/Tool Issue Center.

27.92.3. Records Maintenance Actions after Receiving a Written Request. After receiving a written request, Records Maintenance must 1) review the request and coordination of the using organizations for completeness, and 2) research the quarterly SL-ISG to see if a valid relationship exists.

27.92.3.1. If the requested relationship is valid (listed in the SL-ISG), Records Maintenance must process the FIS inputs necessary to establish the relationship (see [Attachment 27I-1](#) for FIS format). After processing the FIS input, you may destroy the written request.

27.92.3.2. If the requested relationship is not valid, process the FIS inputs as above. File the written request in stock number or ISG sequence, as locally desired. You must keep the written request as long as the relationship is effective.

27.92.4. Establishing a New Group. To establish a new group you must, when entering the information for the first time, leave the ISG number field blank and enter two stock numbers in positions 8-22 and 31-45 on the FIS input. Depending on the type of relationship you want to establish, take the appropriate action as follows:

27.92.4.1. Establishing a master and interchangeable relationship. To establish this relationship, 1) enter the master stock number in the first input field (positions 8-22), and 2) enter an interchangeable in the second input field (positions 31-45).

27.92.4.1.1. Master and interchangeable relationships will not be established under the following conditions: if the items have incompatible ERRCD (for example, ERRCD coded XD items cannot be linked with ERRCD coded XB items); items are ERRCD coded XD items; the items are in different D043B groups; the items contain incompatible management data; or another using organization does not agree with the requested relationship.

27.92.4.1.2. When a specified relationship cannot be established, take the following actions: 1) group the items as a substitute, 2) notify the requesting organization of the change, and 3) enter a 7 in the ISG source code (first position) field to specify local use.

27.92.4.2. Establishing a relationship other than master and interchangeable. To establish other types of relationships, 1) leave the ISG number field blank, 2) enter two stock numbers and their desired relationships in positions 8-22 and 31-45 on the FIS input, and 3) enter a 6 or 7 in the ISG source code field, as applicable.

27.92.5. Adding an Item to an Established Group. To add an item to an ISG already established, you must enter, in an FIS input, the ISG number and stock number(s). Depending on the type of item you are adding to an ISG, take the appropriate action as follows:

27.92.5.1. Loading a new master. You can load a new master to an established group only if the input contains an interchangeable in the second input stock number field or the group already contains at least one master/interchangeable relationship. To be loaded, the new master must also contain compatible management data. After the new master is loaded, the old master is changed under computer control to an interchangeable.

NOTE:

If the new master item is in a D043B group, do not load it to a group that contains master/interchangeable relationships in a different D043B group.

27.92.5.2. Loading a new interchangeable. You must load a new interchangeable to an established group under the same conditions that apply to loading a new master.

27.92.5.3. Loading a relationship other than master/interchangeable. To load other types of relationships you must enter, in an FIS input, the ISG number, stock number(s), and relationship code(s).

27.92.6. Changing Items in an ISG. When processing a change, you must process only one stock number for each input and leave blank the ISG number field. If no change is required, you may change or leave blank the ISG order code or relationship code. Depending on the type of item you are changing, take the appropriate action as follows:

27.92.6.1. Changing a substitute or interchangeable to a master. You can process FIS inputs to change the master item of a specific group only when the old and new master do not contain an alpha character in the ISG source code field; the alpha character indicates the item was grouped by D043B processing. When the new master is processed, the old master is changed under computer control to an interchangeable and established in a relationship.

27.92.6.2. Changing a master to an interchangeable or a substitute. If the present master item contains an alpha character in the source code field, the ISG order code that you enter must contain a 9 in its source code field, and its parts preference code field must be blank. The computer will then select as the new master item the next interchangeable that does not have an ISG source code of 9 or a numeric parts preference code. (For examples of base exceptions to a D043B established master and D043B related items that are not fully interchangeable, see [Attachment 27I-3](#), examples 2, 3, and 4.)

27.92.6.3. Changing an interchangeable to a C, H, K, or an S relationship. If the present interchangeable item contains an alpha character in the ISG source code field, the ISG order code that you enter must contain a 9 in its source code field, and its parts preference code field must be blank. The change-to relationship field must also contain an S (substitute). If the source code is not 9, you may change the order and relationship code as required.

27.92.6.4. Changing a C, H, K, or an S to an interchangeable relationship. If the present ISG source code field contains a 9, the ISG source code that you enter must contain an alpha character. If the ISG source code does not contain an alpha character, the item you are changing to an interchangeable will be subject to the same loading conditions as a new interchangeable.

27.92.6.5. Changing relationships among C, H, K, and S items. You may change the relationships among these items as desired.

27.92.7. Deleting an Item from an ISG. Records Maintenance must carefully process requests for deleting an item from an ISG to make sure the person requesting the deletion obtains the desired results. Depending on whether the item has an alpha character or a 9 in the source code field, take the appropriate action as follows:

27.92.7.1. Deleting items with alpha or 9 ISG source codes. To make sure D043B processing does not override your deletion of these items, use source code 9 to change the items to a substitute before deleting them.

NOTE:

You may also delete these items by entering an F in position 80 of the FIS delete input. This process, however, may not work. ISG inquiries for AFMC are produced under program control when a D043B grouped item is deleted from a base level ISG. The D043B system then establishes a valid relationship between the items, and the cycle of delete and add continues.

27.92.7.2. Deleting items with ISG source codes other than 9. You must delete these items as follows:

27.92.7.2.1. If you delete an item and only one item remains in the ISG, the last item will be deleted and the group will be blanked under computer control.

27.92.7.2.2. If you delete a master and only one interchangeable remains in the ISG, the last interchangeable will be changed to a substitute under program control. If more than one interchangeable remains, the computer will select as the new master item the next interchangeable that does not have an ISG source code of 9 or a numeric parts preference code.

27.92.8. Producing and processing an XXX Inquiry for Local Relationships. Follow the instructions below to produce and process an XXX inquiry:

27.92.8.1. Producing an XXX inquiry. The FIS program will produce an XXX inquiry for each master, interchangeable, and substitute relationship established for local use. The inquiry followup date will be updated with the current date, and the inquiry followup code I will be stored in the ISG record.

27.92.8.2. Processing an XXX inquiry. For the AFMC computer to process the XXX inquiry, the basis of relationship code and source of relationship must be contained in the FIS input. These entries are explained in the FIS input in [Attachment 27I-1](#).

27.92.9. Forwarding Correspondence to AFMC CASO. After FIS inputs have been processed to establish the requested relationship, Records Maintenance must decide whether to forward correspondence to AFMC CASO for action.

27.92.9.1. Forward correspondence to AFMC CASO under these conditions:

27.92.9.1.1. D043B groups (other than X file) have incompatible management data, as listed:

27.92.9.1.1.1. Equal unit of issue.

27.92.9.1.1.2. Compatible ERRCD (compatibility edits are waived for equipment items).

27.92.9.1.1.3. Equal munitions reporting codes.

27.92.9.1.1.4. Equal RAMPS report codes.

27.92.9.1.1.5. Equal source of supply.

27.92.9.1.2. Incompatible items are in the same AFMC subgroup. When ISG source code 9 is used to change or delete relationships in D043B groups, forward detailed correspondence describing any differences in physical or functional characteristics among the items.

27.92.9.2. Do not forward correspondence to AFMC CASO under these conditions:

27.92.9.2.1. Incompatible items are in different AFMC subgroups. AFMC CASO already knows that a fully interchangeable relationship does not exist between items in different subgroups. (For examples of how D043B groups items, see [Attachment 27I-3](#), examples 2, 3, and 4.)

27.92.9.2.2. Inquiry is made automatically. Automatic inquiry is made when groups are locally related with ISG source code 7 or assigned by status, push due-ins, or receipts with ISG source code 8.

27.92.10. Filing and Screening Written Requests. After deciding whether to forward correspondence to AFMC CASO and taking the appropriate action, Records Maintenance must file and screen the written requests as follows:

27.92.10.1. Filing written requests. File a copy of the correspondence only if the SL-ISG indicates the relationship is not valid. The correspondence will be in stock number or ISG sequence, as locally desired. Keep the correspondence as long as the ISG relationship is effective.

27.92.10.2. Screening written requests. Quarterly, after receiving the SL-ISG, screen the filed written requests using the Stock Number Directory (M14/NGV814), ISG Listing (R02/NGV866), and SL-ISG as follows:

27.92.10.2.1. Screen the correspondence against the Stock Number Directory to determine if all items are still loaded. If the stock numbers are no longer loaded or if only one stock number is loaded, the correspondence will be destroyed.

NOTE:

If correspondence is valid, continue to.

27.92.10.2.2. Screen the correspondence against the Interchangeable and Substitute Listing to verify that the requested relationship still exists. If the relationship no longer exists, ask the person who made the request whether the relationship is still required. If not, destroy the correspondence. If so, use FIS inputs to reestablish the ISG.

NOTE:

If the correspondence is valid, continue to.

27.92.10.2.3. Screen the correspondence against the current SL-ISG to determine if the requested relationship is listed in the SL-ISG. If so (the two relationships are the same), destroy the correspondence. If not, date and return the correspondence to the file.

27.92.11. Security Service Items. Security service items (X in fifth position of stock number) may be loaded, changed, and deleted above. Interrogation data will not be updated, and no XXX inquiry will be output.

27.92.12. Processing Procedures for Typewriters. Typewriters require special processing procedures. They are accounted for with a locally assigned stock number (L in fifth position) and grouped using the following criteria:

27.92.12.1. Unit cost difference of \$100 or less.

27.92.12.2. Carriage length.

27.92.12.3. Standard characteristics (type pitch, keyboard, etc).

27.92.12.4. Special features (self-correcting, indexing, multi-pitch, etc). The local stock number will be linked in the ISG of the authorized prime NSN.

27.93. Processing Organizational Refusals.

27.93.1. Records Maintenance Activities. After receiving an issue/ due-out release document that has been marked as an organizational refusal, Records Maintenance must take the following action:

27.93.1.1. Determine whether the refusal is a result of ISG relationship. If not, destroy the refusal document. If so, continue to (2).

27.93.1.2. Determine whether the ISG relationship is a result of ISG Update processing (program NGV404). If not, process FIS delete inputs. Use the organizational refusal document as authori-

zation for delete. If the relationship did result from this processing, contact the organization that refused the item for preparation of the required documentation. Meanwhile, establish the relationship required to ensure the items are not issued as interchangeables.

27.94. Base Initiated XXX Interrogations and R02 Follow-Up System.

27.94.1. Anytime an I&SG is locally established or tailored in the SBSS, a TRIC XXX interrogation is forwarded to AFMC in order to validate the local relationship against the D043B system. The D043B is the primary source of I&SG relationship information for the Air Force.

27.94.1.1. A TRIC XXX interrogation is produced for Source Code 7 & 8 items. NGV400, I&SG Record Load/Change/Delete Program generates the initial XXX interrogation. The interrogation is transmitted through DAAS and ultimately processed against the D043B system. The AFMC D046, Base Account Screening Exercise (BASE) system, will suspense and control the interrogation.

27.94.1.1.1. Source Code 7 items. Items locally established or tailored by processing an FIS transaction by the local Records Maintenance technician.

27.94.1.1.2. Source Code 8 items. Items grouped as a result of MILSTRIP status, push due-in, or receipt processing. Assigned through the SBSS program.

27.94.1.1.3. The primary difference between the Source Code 7 and 8 is the 7 is the result of processing by a technician; where as, the 8 is the result of an action by the computer. The XXX and follow-up system processing for these two codes is almost identical.

27.94.2. The Inquiry/Followup Code and Date of the I&SG record are used to determine whether followup action is required. The technician has visibility of Inquiry/Followup Code and Date information on the R02 listing. Inquiry/Followup Codes and Dates are as follows:

27.94.2.1. Code I - Indicates an initial XXX interrogation was transmitted. The Inquiry/Followup Date is the date the XXX was created.

27.94.2.2. Code E - Indicates a BVS with action code E was received by the SBSS. This indicates the XXX was received by D043B; however, no relationship existed, so the interrogation will be forwarded for review by a Cataloging and Standardization Office (CASO) I&SG technician. The Inquiry/Followup Date is the date the BVS was received.

27.94.2.3. Code F - Indicates the first followup was prepared and transmitted. The Inquiry/Followup Date is the date the XXX followup was prepared.

27.94.3. The R02/NGV866, Interchangeable and Substitute Program, takes over as the followup mechanism, after the initial XXX interrogation is produced by the NGV400 Program and transmitted to AFMC.

27.94.3.1. Process the R02/NGV866 program at least every 2 weeks, ensuring the followup interrogation option is requested according to chapter 6, [attachment 6B-2](#).

27.94.3.2. After the initial XXX interrogation is transmitted, and no response received, two followups will take place. The first is automated, while the second is manual. The manual followup is via a message.

27.94.3.2.1. The first followup (automated) is made 15 days or more after Inquiry/Followup code I is entered on the I&SG record, or 21 days or more after Inquiry/Followup code E is

entered. A XXX interrogation with an F in position 4 will be prepared by the SBSS and transmitted. At this time, the Inquiry/Followup Code will be changed to an F and the Inquiry/Followup Date will be updated to the current Julian date.

27.94.3.2.2. The second followup (manual) is made 25 days or more after Inquiry/Followup code F is entered on the I&SG record. An Interrogation Followup Management Work List is produced by the R02/NGV866 program, and provides a list containing I&SG records that need manual followup action. All stock numbers in the affected group will be listed, even though only one stock number within the group has source code 7 or 8 assigned. This second followup action requires an offline message be prepared and submitted to HQ AFMC/CASO, containing previous followup actions and any other pertinent information concerning the interrogation. Also at this time, process an FIS transaction to de-link the item from the group and remove the source code 7 or 8.

27.95. AFMC Initiated Responses to XXX Interrogations.

27.95.1. Anytime an I&SG is locally established or tailored in the SBSS, and a Source Code 7 or 8 is assigned to an item, a TRIC XXX interrogation is forwarded to AFMC in order to validate the local relationship against the D043B system. The D043B is the primary source of I&SG relationship information for the Air Force. Whether or not the base initiated XXX interrogation matches a file in the D043B, a BVS is output and processed as follows:

27.95.1.1. Matches a file. When the base interrogation matches the J file, a BVS image is output for each item in the group. When the base interrogation matches the R or X file, a single BVS is output describing the relationship between the items.

27.95.1.2. Does not match a file. A BVS with action code E indicates the base interrogation doesn't match a file in the D043B. When a match is not made, the interrogation is forwarded for review by a Cataloging and Standardization Office (CASO) I&SG technician.

27.95.1.2.1. The CASO I&SG technician reviews the specification/technical data for the input stock numbers, and informs the submitting activity of the findings.

27.95.1.2.2. The CASO I&SG technician also prepares inputs to load the information into the R file. By loading this information into the R file, the next time a base interrogates the D043B system for the same stock numbers, an automatic reply (BVS, R file) will be sent to the base.

27.95.2. The CASO replies to the base initiated XXX interrogations with XXR responses through ADRSS. The XXR format and codes are published in [volume 1, part 1, chapter 7](#). In special cases, the technician sends the replies by letter to the bases. The computer will process CASO replies as follows:

27.95.2.1. Response codes A, B, C, D, E, and F. When the two stock numbers identified in the input are in the same I&SG, the present relationship is maintained, and the I&SG Source Code is changed to 2 or 3, as applicable. If the Source Code is 7, it will be changed to 2; if the Source Code is 8, it will be changed to 3. When the two stock numbers are not related in the same I&SG, an F023 management notice is produced, and bases must consider the reply code and item record data to determine the appropriate relationship. **NOTE:** The F023 management notice is produced only on response codes B, E, or F. Inputs with response codes A, C, or D will be ignored if they are not in the same I&SG.

27.95.2.2. Response codes G and H. When both stock numbers have a D043B I&SG source or the items are not in the same I&SG, the input is ignored. When the I&SG record contains items other than the input stock number, an F023 management notice is produced. Under any other condition, the I&SG source code is changed to 6 and the relationship codes are changed to C or H, as applicable.

27.95.2.3. Response code I. When the input stock numbers are in the same I&SG and their current I&SG Source Code is 7, the I&SG Source Code is changed to 4, the relationship is changed to substitute, and an F021 management notice is produced. When the input stock numbers are in the same I&SG and their current Source Code is 8, the items are deleted from the I&SG. Under any other condition, the input is ignored.

27.95.2.4. Response code J. Processing is the same as for code A above. **EXCEPTION:** An F023 management notice will not be produced when the two stock numbers in the same I&SG are not related.

27.95.2.5. Response codes K and L. An F020 management notice is produced for the invalid stock number.

27.95.2.6. Response codes M and N. The I&SG Source Code is changed to 2 or 3 as applicable, and a BDFA is produced for the replaced stock number.

27.95.2.7. Response code O. The XXX interrogation is resubmitted if the stock numbers have not been grouped by D043B processing. This response indicates the item interrogated is part of a D043B established group and BVS(J) images will be transmitted to the base. The SBSS will continue to send an XXX image until the BVS(J) images are received and the group successfully updated.

27.95.2.8. Response code P. When required, an item record is loaded for the replacing stock number, and the item is related to an I&SG that has the replacing stock number as the master.

27.95.2.9. Response code Q. An F022 management notice is produced.

27.95.3. Processing Output Management Notices. The Records Maintenance Element will process management notices from XXR processing or X and R file processing to make sure the items are correctly related. After the relationship has been verified (based on the management notices), FIS inputs should be processed, if necessary. Processing FIS inputs will ensure I&SG Source Codes 7 or 8 are removed and the appropriate code assigned.

27.96. Processing The D043B Update Program (NGV404).

27.96.1. Preparing and Processing Interchangeable and Substitute Relationships. Interchangeable and substitute relationships are prepared and processed as follows:

27.96.1.1. Interchangeable and substitute relationships are prepared by the ISG activity of the AF Cataloging and Standardization Office, Battle Creek, MI, and at the Air Logistics Center (ALC).

27.96.1.2. Interchangeable and substitute relationships are input into the AFMC D043B system every week. A BDS is output from this processing. The BDS format is outlined in [volume 1, part 1, chapter 7](#). The BDS is distributed through the Stock Number User Directory (SNUD) D071 system to all bases registered as users of one or more of the stock numbers in the affected group.

27.96.2. Processing BDF Adds. The Standard Base Supply System produces a BDF add for each new item record loaded with a national stock number. This BDF add is input into the AFMC D071

system to register the base as a user of the stock number. The D043B system is inquired to provide bases AFMC ISG data. If the input stock number is in a D043B ISG, a BVS is produced for each number in the group. Instructions to format the BVS are outlined in [volume 1, part 1, chapter 7](#).

27.96.3. Processing XXX Inquiries. XXX inquiries are sent to AFMC through DAAS for processing by the D043B systems. When the base inquiry matches the file, BVS outputs are created for each stock number in the matching group. When the base inquiry matches the R or X file, a single BVS is output providing the relationship between the two requested items.

27.96.4. Processing BVS/BDS Inputs. Program NGV404 will be processed as received, or at least weekly, using the SNUD-FOR-ISG SIFS data file. Follow the processing procedures outlined in part 4, chapter 4, [section 4E](#).

27.96.4.1. Process X and R file relationships and input BVS inputs with action code E as follows:

27.96.4.1.1. Process X file relationships and delete D043B grouped items, as required. Process R file inquiries exactly the same as for an XXR.

27.96.4.1.2. Input BVS inputs with action code E. Enter the current Julian date in the inquiry/followup date field of the ISG record, and change the inquiry/followup code to E.

27.96.4.2. Z is entered, under computer control, in the parts preference code field of the D043B master item input. All remaining inputs are then sorted into D043B master item sequence.

27.96.4.3. An item record is loaded, under computer control, when an item record is not in the SBSS computer for the D043B master stock number. Item records are loaded under these conditions: 1) if records are set up for one or more of the interchangeables, or 2) the D043B group consists of items that are ERRCD coded XD or XF, or unsuitable for normal issue (numeric parts preference codes).

27.96.4.4. Order codes are updated, under computer control, on item records with the input data. **CAUTION:** Do not override local exceptions--9 in the source code field (first character)--unless the group is being completely rearranged.

27.96.4.5. Change a master or an interchangeable item record to a substitute when the master or interchangeable is the only item record loaded for the stock numbers in a D043B grouping, and the following conditions apply to the item: the item is 1) ERRCD coded XD or XF, or 2) in a base level group with another D043B grouped item.

27.96.4.6. Load or change the base level ISG when two or more item records are loaded for the stock numbers in a D043B ISG. Under any other conditions, take the appropriate action as follows:

27.96.4.6.1. If none of base level ISG, load a new group for the input item (see [Attachment 27I-3](#), example 1). These items normally are grouped as master/interchangeable relationships. However, the items will be related as substitutes if management data for the selected master item differ from the following management data:

27.96.4.6.1.1. Unit of issue.

27.96.4.6.1.2. ERRCD (compatibility edits are waived for equipment items).

27.96.4.6.1.3. Munitions reporting codes.

27.96.4.6.1.4. RAMPS report codes.

27.96.4.6.1.5. Routing identifier code.

27.96.4.6.2. If the D043B stock numbers are loaded in several base level ISGs, delete the input stock numbers and then reload them into a new ISG (see [Attachment 27I-3](#), example 5). The stock numbers remaining in the old ISGs will be reloaded to the new ISG if they are compatible and not already in a D043B group.

27.96.4.6.3. If all stock numbers are loaded to the same base level ISG, the relationship and order codes will be validated and updated, when needed.

27.96.4.6.4. If some D043B grouped stock numbers are loaded to the same base level ISG and some are not, the ungrouped stock numbers will be loaded under computer control to the ISG. Relationships and order codes will be validated and updated under computer control, when needed.

27.96.4.7. Numeric parts preference codes (NPPC) 3 and 9 are processed by the AFMC D043B ISG Update (program NGV404) as follows:

27.96.4.7.1. If the NPPC 3 or 9 item is loaded as an interchangeable item, the computer transfers the demand data from the NPPC 3 or 9 item to the master item in the same ISG, and then blanks the demand data on the NPPC 3 or 9 item. The computer adds data in 1 and 2 below to the master item; data in 3-5 are transferred from the NPPC 3 or 9 item to the master item:

27.96.4.7.1.1. Number of demands.

27.96.4.7.1.2. Number of cumulative recurring demands.

27.96.4.7.1.3. Date of first demand (DOFD).

27.96.4.7.1.4. Date of last demand (DOLD).

27.96.4.7.1.5. Stockage priority codes (SPC) are assigned to ERRCD XB3 items as follows:

27.96.4.7.1.5.1. If both items contain a numeric SPC, the lowest SPC is assigned. For example, if an NPPC 3 or 9 item has an SPC 2 and the master item has an SPC 4, then SPC 2 is assigned.

27.96.4.7.1.5.2. If the master contains an alpha SPC, the SPC is not changed.

27.96.4.7.1.5.3. If an NPPC 3 or 9 item contains an alpha SPC and the number contains a numeric SPC, an F127 management notice is produced under computer control. The master SPC is not changed.

27.96.4.7.2. If the NPP 3 or 9 item is already loaded to the base level ISG as a substitute item, the computer will blank its demand data. The group relationship is not changed.

27.96.4.8. After the processing above is complete, the computer produces a list of the updated base level ISG records. The records listed will be as specified by the input parameter, prepared by Records Maintenance, in chapter 5.

27.97. D043B X File Processing.

27.97.1. Purpose of X File Processing. Base level processing of X File relationship is necessary because items in the X file are not fully interchangeable (they do not appear in the D043B master file). ISG loads performed by this processing--loading new groups or adding an item to an existing

group--relate the items based on input relationship codes as a substitute, component part, or next higher assembly. **NOTE:** If the relationship is currently master/interchangeable and SBSS processing indicates a valid response, the relationship is not changed.

27.97.2. Processing an ISG File Reference List. The AFMC D043B Update (program NGV404) completes most steps for base level processing. ISG source code X file processing is the source for this ISG relationship. **NOTE:** Component parts and next higher assemblies retain source code 6.) When base level processing requires Records Maintenance personnel to make a decision (processing is external, management notices are output for research action. If the AFMC D043B Update does not update the ISG record, the computer will list the ISG files for review. The computer takes the following steps to produce this reference list:

27.97.2.1. Attempts an automatic load, based on relationship codes I, S, L, or N. Items with codes I, S, or L are loaded as a substitute. Items with code N are loaded as next higher assembly or component parts. An F023 management notice is output under the following conditions:

27.97.2.1.1. When items with relationship code L are loaded, an F023 management notice is output. Records Maintenance personnel must check items on the F023 management notice against the ML-C to assure similarity. These items may also be checked with the using organizations for possible master/interchangeable use. Once verified, relationships are established by Records Maintenance personnel. **NOTE:** Items that are not usable may be left as substitutes with source code X, or you may change the source code to 9.

27.97.2.1.2. When the items are currently in different base level ISGs, an automatic load is not attempted. When the current source code is not alpha, 6, or 9, ISG source codes are updated and an F023 management notice is output. **NOTE:** When items are in different ISGs, Records Maintenance personnel must determine the correct grouping and process FIS inputs. (They may have to check with the using organization to make this decision.)

27.97.2.2. Attempts an automatic deletion on items in the same ISG that have a relationship code of U or M.

NOTE:

An automatic delete is not attempted if the item record ISG source code is 9 or alpha. Under this condition, an F021 management notice is output. When the items are not in an ISG or are in different ISGs, the computer takes the following actions:

27.97.2.2.1. When the items are not in an ISG and the relationship code is U or M, no action is taken.

27.97.2.2.2. When the items are in different ISGs and the relationship code is U or M, the ISG source codes are changed to X if they are currently numeric and other than 6 or 9.

27.97.2.3. Changes ISG source codes to X when items currently related in the same base level ISG have a relationship code of I, S, or L. Under this condition, a management notice is output. **NOTE:** If the relationship code is N, the items will be changed to next higher assembly/component parts. (If the current source code is alpha, 6, or 9, no update will occur.)

27.97.3. Definitions and Examples of X File Codes. Definitions and examples of ISG relationship codes and incompatibility codes are as follow:

27.97.3.1. ISG relationship codes appear in position 7 of BDS/BVS for X file processing only. This code shows the type of relationship between the stock number in positions 8-22 and the related stock number in positions 33-47. ISG relationship codes are as follows:

Table 27.6. ISG Relationship Codes

CODE	RELATIONSHIP
I	Interchangeable
S	Suitable Substitute
L	Suitable Limited
U	Unusable Item
N	Next Higher Assembly
M	No Known Relationship

27.97.3.2. ISG incompatibility codes appear in position 26 of BVS/BDS for X file processing only. This code indicates why the item is not in the J file (fully compatible file). ISG incompatibility codes are as follows:

Table 27.7. ISG Incompatibility Codes.

CODE	INCOMPATIBLE CONDITION
1	Federal Supply Class (FSC)
2	Materiel Management Code (MMC)
3	Source of Supply (SOS)
4	Expendability, Recoverability, Reparability Cost Designator (ERRCD)
5	Unit of Issue (U/I)
6	AF is not a registered user on the related item (positions 8-22) (NOTE)
7	Pilferage Code
8	Security Classification
9	Local Purchase
A	Acquisition Advice Code
B	AF has no CMD on related item (positions 33-47) (NOTE)
C	AF is not a registered user on either item (NOTE)
M	No Known Relationship
N	Next Higher Assembly
P	Consolidate with, Transfer to, Cancel - Duplicate
R	Does not meet DOD I&S MOE rule assignment criteria

NOTE:

The AFMC ISG technician systematically reviews ISG relationships in the X file to determine the currency of exceptions that prevent items from being grouped. In many cases, items cannot be ISG grouped because the AF has not been registered as a user of the items. Aware of these cases, the ISG technician will take steps, if appropriate, to register the AF as a user in the CMD. **CAUTION:** Do not take steps to register less than preferred items. For example, item standardization code 3 and E, and items previously removed from ISGs, are generally not appropriate. Submitting AF Form 86 to request the adoption of such items is therefore discouraged.

27.98. Processing Program NGV403 Base Level ISG Cleanup.

27.98.1. Purpose of Processing Program NGV403. Program NGV403 provides a rapid, automatic method of cleaning up ISG and item records. The program gives notice of error conditions and an uncoded phrase indicating what action has been taken under computer control. The program also resequences and packs the ISG records to make room for more records.

27.98.2. Program NGV403 Processing Schedule. Program NGV403 is processed ten days before the R02/NGV866, Interchangeable and Substitute Listing; Records Maintenance and Computer Operation must have enough time to correct any ISG errors discovered during processing. Processing should also be considered whenever a large volume of reject notices 736 or 745 are received during inline processing.

27.98.3. Reestablishing ISGs under Computer Control. Use the error listing and BVAC10 output from this process to reestablish any required ISGs as follows:

27.98.3.1. ISG relationships that were locally established (source code 7) must be reestablished using FIS inputs.

27.98.3.2. Relationships originally established by the AFMC D043B System require no base action. These groups are reestablished as a result of AFMC response to the BVAC10 output by program NGV403.

27.98.4. Reestablishing ISGs Manually. An ISG record that has an invalid database key is the only condition that cannot be corrected under computer control. ADPE and Records Maintenance must work together to reestablish this ISG record.

27.99. Application of an ISG By Other SBSS Processing.

27.99.1. Uses for ISG Systems. Many internal program decisions are made based on the information contained in the ISG record. It is therefore necessary that personnel maintaining the ISG be thoroughly familiar with the ISG systems and their uses.

27.99.2. Requirements. SBSS processing accumulates item and usage data from master and interchangeable grouped items. Requisitioning programs base the decision to requisition on the asset position of the accumulation of data. Adjusted stock levels assigned to any M or I coded items in the same group apply equally to all other master/interchangeables. Relationships other than M or I are considered single items and are requisitioned individually.

27.99.3. Requisitioning Stock. Requisitions for stock are submitted for the master stock number (coded M). Requisition exception codes placed on M or I grouped items apply only to requisitions submitted for that stock number.

27.99.4. Issues. If a requested master or interchangeable item is not available, the ISG record will be read (under computer control). SBSS processing will attempt to issue the requested item as follows:

27.99.4.1. Checking master/interchangeable stock numbers. Starting with the master stock number, the computer attempts to fill the request from items recorded on master/interchangeables that do not have a numeric parts preference codes 3, 4, or 9.

27.99.4.2. Checking substitute stock numbers. After checking the master and interchangeables in a group, the computer determines whether items are available on substitute stock numbers that have a unit of issue different from the requested item (the unit of issue can be converted through the conversion record). If available, the item will be issued. If the item is not available, an other

asset notice is produced on interchangeables with numeric parts preference codes 3, 4, or 9, and other relationship coded S, C, H, or K items.

27.99.5. Redistribution Orders (RDO). For procedures on how the computer produces redistribution orders, see chapter 15, [section 15B](#).

27.99.6. DIFM Turn-In. When processing a DIFM turn-in with a stock number different from the stock number for the DIFM detail record, both stock numbers must be in the same base level ISG. If the stock numbers are in different ISGs, the input must be coded to bypass this edit.

27.99.7. Due-Out Release. When determining items available for automatic due-out release action, the computer examines the master and any interchangeable not coded with a parts preference code of 3, 4, or 9.

27.99.8. Functional Check Flag. The functional check flag is assigned under program control (by system designator) to all master or interchangeable items within a group. A load or change to a master or interchangeable item causes the computer to check the master item and all interchangeable items (by system designator). If any items in this group have a functional check flag, the computer will attempt to load the functional check flag to the master and all interchangeable items. **NOTE:** This attempted load does not include substitute items, kits, etc.

27.100. Processing F126 Management Notices.

27.100.1. Producing F126 Management Notices. This notice is produced when an item has been deleted from a base level ISG, and a WRM, MRSP, MSK, or authorized/in-use detail record still exists. These conditions are caused by two processes: 1) when a response from AFMC indicates that items currently in a base level ISG are not compatible, the items are removed from the ISG, and 2) when Records Maintenance personnel make ISG delete inputs that remove items from base level ISGs.

27.100.2. Purpose of F126 Management Notices. This notice alerts Records Maintenance that a WRM, MRSP, MSK, or authorized/in-use detail record for the item being deleted from the ISG is still in the computer. The F126 management notice lists each of these details on a single DD Form 1348-1A. Also, an inquiry showing all details for the stock number is provided for review to determine whether any of the details need a change in authorization.

27.100.3. Inquiry Document. Records Maintenance personnel will pull a copy of the F126 management notice and file for control use. Records Maintenance will forward the other copies to the various elements--based on the activity code of the document numbers printed. The affected element will determine if a valid prime/substitute relationship still exists and take appropriate action.

27.100.3.1. Valid relationship. Notify Record Maintenance that no action is required.

27.100.3.2. Invalid relationship.

27.100.3.2.1. Work with Records Maintenance to prepare the inputs required to delete the current prime/substitute relationship. (You may need to process turn-ins, delete, and load inputs.)

27.100.3.2.2. Work with Requisitioning to make sure due-ins and due-outs are canceled, if required.

27.100.3.2.3. Prepare inputs to establish due-out and due-in detail records under the proper stock number.

27.100.3.2.4. Notify Records Maintenance that all actions have been completed.

27.100.4. Followup Action. Records Maintenance will destroy the file copy of the inquiry when all actions above are completed. They will take followup action when these actions have not been completed within seven days.

27.101. Reconciliation of ISG items.

27.101.1. Tracking during reconciliation. During the annual SNUD reconciliation, there is a method to track ISG items in order to ensure successful reconciliation. This process establishes a baseline of all items being reconciled, identifies items that have successfully reconciled, and differentiates between those that haven't so research and follow-up action can be taken.

27.101.1.1. Reconciliation baseline. The current computer date will be assigned to the 105 ISG-RECORD when the annual reconciliation is processed and reconciliation images (BDFR) are created. This date will be reflected on the R02 in a column labeled "RECON DATE". A date in this column indicates a BDFR image was created for SNUD processing and is the date it was created. No date in this column indicates a BDFR image wasn't created and warrants research to determine why not, and then, corrective action.

27.101.1.2. Items that have reconciled. The phrase "RECNCLD" (short for reconciled) will overwrite the computer date on the 105 ISG-RECORD, and also be reflected on the R02, as a result of successfully processing the BVS/BDS images received from SNUD. In addition to the images received the BVS/BDS images received throughout the year will also update the field with the phrase "RECNCLD", if not already reflected. The only reconciliation image (BVS/BDS) that won't update this field is the BVS with "E" in position 80, since this is the only BVS image that when successfully processed doesn't indicate a successful reconciliation. **NOTE:** The "RECNCLD" statement indicates the group has been reconciled with the AF Catalog (D043). Items in the group still possessing a local source code (i.e. 7 & 8) after reconciling with D043, require normal tracking and follow-up via the XXX Interrogation/R02 Follow-up system mentioned within this section.

27.101.1.3. Items that have not reconciled. Records Maintenance technicians will research and follow-up on items that don't reflect "RECNCLD" on the R02 once the annual reconciliation data, from SNUD has been received and processed. Part of the follow-up action may include 1SQ interrogations.

27.101.1.4. Before the next reconciliation. The field on the 105 ISG-RECORD will be blanked immediately prior to processing the next annual reconciliation, subsequently if an R02 was immediately processed it too would reflect blanks in the "RECON DATE" field. This cleans the slate and prepares for the upcoming reconciliation.

Section 27J—DESCRIPTION OF FREEZE CODES.

27.102. Overview. This section explains how freeze codes are used to freeze an item record and then to clear the freeze status to allow for further processing. These procedures are useful for loading data on item records in preparation for inventory. Freeze codes are also used to show the reason an item record was frozen and the function responsible for freezing the record. Only authorized personnel can freeze and delete freeze codes. Freezing an item record will stop computer processing of specific transactions and

related actions. **NOTE:** Attachments to this chapter explain the input and output restrictions and their format.

27.103. Freeze Codes.

27.103.1. Management of Freeze Codes. Supply personnel assign freeze codes to item records in order to identify the reason for freezing the item record and the responsible activity. Personnel using an FFC input request through any terminal function or Computer Operations /main system may either ADD or DELETE freeze codes A, D, E, L, Q, R, and S. **NOTE:** Supply personnel at a satellite can assign freeze codes only to records of that satellite system designator.

27.103.2. Loading. The loading of these freeze codes follows these rules: 1) Load freeze codes by using an FFC input with action code L (see [Attachment 27J-1](#) for format); 2) only ONE freeze code may be assigned to an item record (when an item record has already been frozen, the computer will reject a second code assignment); and 3) load freeze codes using the FFC input except codes C, I, and P.

27.103.3. Deleting. The deletion of freeze codes conforms to these rules: Delete freeze codes by using an FFC input with action code D. The exceptions are freeze codes C, I, and P. C and I may be deleted for type stock record account P records. (See [Attachment 27J-1](#) and [Attachment 27J-2](#) for input format.)

27.103.4. Assignment of Freeze Codes. Freeze codes are assigned and managed as follows: **NOTE:** The activity responsible for assigning the freeze codes will maintain a suspense file for each FFC load output suspense notice.)

27.103.4.1. Code A. The Record Maintenance is responsible for freeze code A. This code is assigned to personnel who do not have an authorized freeze code. Record Maintenance is also responsible for maintaining the suspense notice file.

27.103.4.2. Code C. Inventory is responsible for the use and control of freeze code C. Freeze code C designates items under a complete inventory. The Fuels Management Flight may delete this code by using an FFC input when the stock record account code is P. Inventory is also responsible for maintaining the suspense notices.

27.103.4.3. Code D. The Base Service Store assigns this code to items with an issue exception code 3 or 6. This code is loaded by processing program S06 or an FFC input. This code is deleted by processing a BIR input with a D in position 52 or by processing an FFC input. The Base Service Store is also responsible for maintaining the suspense notices file.

27.103.4.4. Code E. Equipment Management assigns this code and is also responsible for maintaining the suspense notices file.

27.103.4.5. Code I. Two sections, Inventory and the Storage and Issue, assign this code for special inventory. Inline programs also assign this code when insufficient balances require a special inventory or when a corrected input is required. **NOTE:** An FFC input for type stock record account codes B, E, and K cannot load or delete this freeze code. Inventory is responsible for maintaining the suspense notices file.

27.103.4.6. Code L. Computer Operations assigns this code when either a database key or set error is detected. When Computer Operations Personnel notice an error, the Computer Operation operator must check the condition and correct the error. Records Maintenance is available for

help. See 798 and 799 reject notices in chapter 7. Computer Operations is also responsible for maintaining the suspense notices file.

27.103.4.7. Code P. Program Control loads and deletes this code. It cannot be loaded or deleted with an FFC input. Programs assign this code when a unit of price change is processed for an item with an IEX 3 or 6. Programs delete this code when a BIR input is processed with a P in position 52. The Base Service Store is responsible for maintaining suspense notices file. Programs also assign a P freeze code to the item record for budget code 8 items which are locally assigned. This freeze code will be removed by processing TRIC MSD. Records Maintenance is responsible for maintaining suspense notice file.

27.103.4.8. Code Q. This code is assigned to items requiring reverse-post action. Document Control is responsible for maintaining the suspense notice file.

27.103.4.9. Code R. Record Maintenance uses this code to freeze item records that may require correction or deletion of indicative data when extended research or checking is required. Record Maintenance is also responsible for maintaining the suspense notices file.

27.103.4.10. Code S. The Stock Control assigns this code and is responsible for maintaining the suspense notices file.

27.104. Control of Frozen Records.

27.104.1. Management of Notices. A suspense notice of all FFC load or delete actions will be output on the input function of the activity responsible for the freeze code. In addition, an input processed notice will be produced on the Computer Operations/main system and will be sent to the activity responsible for the freeze code. The responsible activity will maintain one copy of each FFC load output suspense notice (or frozen record notice, TRIC FFC) in a suspense file in stock number sequence.

27.104.2. Filing of Rejected Inputs. Inputs rejected because the item record is frozen (except freeze codes C and I) will be placed behind the FFC load output suspense notice/frozen record notice in the suspense file.

27.104.3. Release of Frozen Records. The activity assigned the freeze code is responsible for prompt clearance of freeze codes. If item records are frozen more than three working days, a justified reason for the delay must be written on the suspense notice.

27.104.4. Release of Freeze Codes C, D, I, and P. Inventory is responsible for the timely release of item records with freeze codes C and I (see chapter 20). The retail sales outlets are responsible for the timely release of item records with freeze codes D and P. NOTE: One exception is type stock record account code P (fuels). The Fuels Management Flight is responsible for this code when the type stock record account is P.

27.104.5. Suspense Delete Notice. When an FFC output suspense delete notice is received, the matching FFC suspense load notice/frozen record notice and any rejected documents will be removed from the suspense file and reinput.

27.104.6. Processing a Reverse-Post Input. When a reverse-post input is processed and the item record contains a freeze code of Q, an I105 management notice is produced on Document Control terminal or Computer Operations/main system. This notice will be screened against the frozen record suspense file. Any documents in this file that match the stock number on the notice will be selected

and processed. **NOTE:** If the freeze load notice in the file reflects a later date and time than the one shown on the I105 management notice, that I105 must be destroyed.

27.105. Reject Conditions.

- 27.105.1. If the following conditions are not met, the FFC input will reject:
- 27.105.2. Item Record Not Loaded. The item record for this stock number and system designator must be loaded (FCC load or delete).
- 27.105.3. System Designator for Satellite Terminal. Input from a satellite terminal must have a system designator in positions 23-24 equal to the system designator assigned to that satellite account (FCC load or delete).
- 27.105.4. Item Record Freeze Code Field. The freeze code field in the item record being frozen must be blank (FCC load).
- 27.105.5. Item Record Freeze Code Field. The freeze code field in the item record being released must be equal to the input freeze code (FCC delete).
- 27.105.6. Authorized Freeze Code for Loading and Deleting. The input freeze code must be A, D, E, L, Q, R, or S (FCC load or delete). However, for type stock record account code P item records, it may be C.
- 27.105.7. Input Action Code. The input action code must be D for delete and L for load on all FFC inputs.
- 27.105.8. Input TRIC. The input TRIC must be FFC.

27.106. Frozen Record Notice.

- 27.106.1. Monthly Frozen Record List. Frozen record listing will be produced monthly using a SURGE program.
- 27.106.2. Suspense Filing of FFC Documents. FFC documents will be placed in the suspense file. When filed, the matching FFC output Records Maintenance suspense load notice may be destroyed.
- 27.106.3. Notification for Prompt Clearance. Records Maintenance will notify each section responsible for frozen item records of the records needing prompt clearance. The frozen record notices will be either listed or duplicated and forwarded to the appropriate section.

Section 27K—CONTROLLED ITEMS CODES.

27.107. Overview.

- 27.107.1. Section Summary. This section provides details on the handling of item records. Controlled items are discussed, along with the codes that indicate whether there is to be a degree of security handling and the type of security handling required.
- 27.107.2. Definition. Controlled items are items that are assigned the categories of classified, sensitive, or pilferable. They require different kinds of handling for security purposes. The controlled item code is a one-position alpha/numeric code used to indicate the degree of security handling needed for a given item. (See [Attachment 27K-5](#) for the description and assignment criteria for con-

trolled item codes.). See DoD 4100.39-M, Vol 10, Table 61 for complete list and Controlled Inventory Item Code definitions.

27.108. Stock Numbers. The stock numbers of controlled items are listed in the Stock Number User Directory (SNUD) DO71 and the Master Item Identification Control (MIIC). They are also published in the USAF Federal Supply Catalog. All national stock numbers (excluding FSG 65 and 89), noncataloged (NC) numbers, nonsignificant (ND) numbers, and kit (K) stock numbers are included in the SNUD.

27.109. Aspects of Processing.

27.109.1. Responsibility. Research assigns the controlled item code when the item record is first loaded. Records Maintenance or Inspection is responsible for all subsequent actions. It is the responsibility of Records Maintenance to ensure that all controlled item phrase codes are loaded.

27.109.2. Suspected Discrepancies. When you suspect that a coding is incorrect, you should assign the code requiring a higher degree of security handling. If the item is included in SNUD, you can submit an inquiry to SNUD (BVA output). SNUD will submit current stock control data via SNUD BV4 format. If you are still unsure of the coding, the personnel responsible for cataloging the item should be contacted. SNUD inquiries are always submitted under the FB account of the computer support base.

27.109.3. Local Upgrading. Local managers, at their discretion, can upgrade items coded through SNUD as unclassified, nonsensitive, or nonpilferable to pilferable status. Such items will be assigned controlled item code asterisk (*). An (*) can be assigned only to item records having an existing code of U and will not be changed through SNUD interface. To upgrade, enter the desired system designator in positions 23-24 of the input TRIC 1SC. If the originator wants to change only one system designator from (*) to U, the same logic applies. Blanks in this field will load all system designators with input CIC. Input of any CIC code other than U or (*) will override the system designator option, and all records will be changed to the input CIC.

27.110. Controlled Item Code Change and Upgrade.

27.110.1. Changing Codes. Controlled item codes are first assigned by item record load (FIL) inputs. They are changed by input of TRIC 1SC. ([Attachment 27K-1](#) contains the input format.)

27.110.2. Updating Records. When a controlled item code change is made, all item records are changed with the input stock number except when an item is changed with a CIC U or (*). The input must be on the basic stock number. The overflow (-9) and supplemental (-1,-2) adjunct records will be changed automatically.

27.110.3. IEX Code N. When issue exception code N appears in the item record, it will signify that all controlled item codes are authorized on bench stock items. If you change the controlled item code to U, I, Y, or Z, the issue exception code is blanked on the item record.

27.110.4. Controlled Item Codes.

27.110.4.1. Code X. Controlled item code X is authorized on bench stock items.

27.110.4.2. Codes I, U, Y, Z, and (*). These controlled item codes are authorized on bench stock. Code J items that fall into the categories covered by controlled item codes I, Y, and Z are also authorized on bench stock.

27.110.4.3. Code Changes for Bench Stock Items. When an item has a CIC that authorizes it for bench stock, and the CIC is changed to a CIC that does not authorize it for bench stock, all master bench stock detail and EOQ (economic order quantity) consumption records will be deleted by program control.

27.110.5. Controlled Item Code Upgrade. When controlled item codes are upgraded and the item has a serviceable balance/warehouse location, the item record will be frozen automatically with an I and placed under special inventory procedures. (See chapter 20, [section 20A](#) for CIC inventories.)

27.111. Printed Output for Warehouse Changes and Upgrading.

27.111.1. Changing a control item code will cause the computer to output these documents:

27.111.2. Item Record with Serviceable Balance and/or Warehouse Location. When an item record has a serviceable balance and/or warehouse location, a warehouse change notice is produced. (See [Attachment 27K-2](#) for format.) This document is processed by Storage and Issue (see chapter 14).

27.111.3. Upgrading of Controlled Item Code. When the controlled item code is upgraded to a higher category and a memo DIFM detail is loaded, a memo DIFM notice is produced. (See [Attachment 27K-3](#) for format.) This document will be processed by Repair Cycle Support (see chapter 24).

27.112. Output for Warehouse Change Notices and Inventory. A document control image (DCC) will be output when a warehouse change notice is produced. This output is suspended in Document Control until all actions are completed on the notice by the Storage and Issue.

27.113. Edit/Reject Conditions.

27.113.1. In the listing below, the rejects are itemized by number, and the circumstances that cause them to be output are given:

27.113.2. Reject 022. 1) If the item record has an issue exception code of 3 or K and the controlled item code is other than U or M; or 2) if the item record has an issue exception code of 6 or E and a controlled item code other than J, U, V, or (*).

27.113.3. Reject 056. If the input stock number is for an overflow adjunct (-9) or supplemental adjunct (-1, -2) record.

27.113.4. Reject 159. 1) When the input change-to code is blank or equal to the controlled item code on the item record; or 2) when an attempt is made to load CIC (*) and the item record CIC is not U.

27.113.5. Reject 179. If input is not done through the Records Maintenance terminal or the Computer Operations/main system.

27.113.6. Reject 190. When the input stock number is blank.

27.113.7. Reject 200. When the input change-to CIC is an invalid code.

27.113.8. Reject 295. When an item record for the input stock number cannot be located.

27.113.9. Reject 296. When an item record is frozen due to database key or set errors (type freeze code L). **NOTE:** See chapter 7 for further definition and corrective actions on each individual reject.

Section 27L—TRANSPORTATION DATA.

27.114. Overview.

27.114.1. Section Summary. This section discusses the loading, changing, and deleting of transportation data.

27.114.2. Purpose of Special Packing Instructions (SPI). SPI and the foam-in-place code are provided to help Transportation personnel prepare items for movement. Although in general, these numbers and codes apply to recoverable items, they may be assigned to some expendable items. The information represented by these codes is stored on the item record and will be printed on all DD Form 1348-1A shipping, issue, and due-out release documents. In addition, the phrase REUSABLE CONTAINER will be printed on all DD Form 1348-1A shipping, issue, and due-out release documents when an SPI applies. The phrase REUSABLE CONTAINER will also be printed on selected REC, DOR, and TIN management notices.

27.114.3. Transportation Data Elements on Item Record. The following elements of transportation data are maintained on the item record:

27.114.3.1. National motor freight classification code (NMFC)

27.114.3.2. Type cargo code

27.114.3.3. Special packing instruction (SPI). This information will be stored on the item record as follows: The SPI number will be either: 1) a discrete and unique special packing instruction number (9-position numeric), 2) a fast pack number (9-position alpha/numeric) or, 3) a standard pack number (9-position alpha/numeric). See configuration of SPI numbers in paragraph d below. The foam-in-place code is also stored on the item record and will be either an F (flexible), R (rigid), or S (semi-rigid).

27.114.4. Configuring SPIs. Configuration of SPI numbers is shown below. All Supply personnel using this information must become familiar with AFI 24-202 (to supersede AFR 71-9).

TYPE DATA	POSITIONS	1	2	3	4	5	6	7	8	9
Fast Pack		0	0	0	0	0	N	A	A	N
Standard Pack		0	0	0	0	N	A	N	N	
Discrete SPI		N	N	N	N	N	N	N	N	N

NOTE:

Personnel handling these items must take precautions to see that 1) neither the items nor the returnable and reusable containers are damaged, and 2) the containers are, when possible, returned with the replaced items. Foam-in-place flags identify specific methods or requirements for preparing and packing items to prevent loss or damage during handling.

27.114.5. Dissemination and Reconciliation of Transportation Data. AFMC uses SNUD to selectively disseminate transportation data. The SNUD Annual Reconciliation Program is used to reconcile transportation data. Supply (SBSS) must make sure that the data are provided to Transportation by means approved by both the COS and the Traffic Management Office (TMO). Transportation data on the item record are available by inquiry (see chapter 6, [section 6C](#)) and program S02 (see chapter 5, [attachment 5E-2](#)). Records Maintenance personnel should request program S02 be processed whenever there is a large volume of BDT/BVT inputs. This listing will be forwarded to TMO for their use in verifying the accuracy of the SPI file. When activities want to inquire about transporta-

tion data, they may input 1SQ, SNUD stock number interrogation, with option code 15. See [Attachment 27H-7](#) for input.

27.115. Loading, Changing, and Deleting Transportation Data.

27.115.1. Input Formats. Either the BDT or BVT input format may be used to load, change, or delete transportation data. Supply personnel must exercise extreme care in preparing BDT or BVT inputs, because the data in the input will be loaded on the item record.

EXAMPLE: If a data field is blank on the input, the corresponding field on the item record will be blank also. See [Attachment 27L-1](#).

27.115.2. Updating Item Records. One input will update all item records with a stock number equal to the input stock number regardless of the system designator. Print (F116 management notice) notification will be produced as necessary for system designators 01 and A1 through A9 only (see [Attachment 27L-2](#)).

27.115.3. Output Notices. A management notice or a reject will be output for each BDT or BVT input only when the input is by remote or is rejected, except when TPO information action occurs. An F116 management notice is produced in each instance when the following occurs:

27.115.3.1. A new TPO is loaded to an item record that previously did not contain a TPO.
NOTE: TPO used in this context applies to discrete transportation packing order numbers only. Fast pack numbers and/or standard pack numbers being loaded or changed on item records will not produce an F116 management notice. Fast pack/standard pack data apply to a large volume of stock numbers and are referenced by the master index in the Transportation Office. They are printed on property movement documents; however, load or change notification is not required.

27.115.3.2. An existing TPO on the item record is changed to another TPO.

27.115.3.3. The ordinal effective date (BDT positions 65-69) of an SPI, defined in BDT positions 71-79, is within 60 days (plus or minus) of the current computer processing date.

27.116. F999 Reject Notice. An F999 reject notice will be produced when the NMFC code or type cargo code is invalid. The F999 reject notice also applies when a T is present in position 64 of the input (SPI data present), and ALC prime site code, SPI effective date, or TPO number is blank or contains special characters. Rejects for these conditions should be forwarded to Transportation to be resolved. If Transportation personnel are able to determine the correct data, they will provide Records Maintenance with the correct data for reprocessing.

Section 27M—APPLICATION CODE/PRECIOUS METALS INDICATOR CODE/AUTOMATED DATA PROCESSING EQUIPMENT CODE/AFTO FORM 95 CODE LOAD/CHANGE/DELETE.

27.117. Overview.

27.117.1. Section Summary. This section describes the loading, changing, or deleting of application codes on the item record.

27.117.2. Purpose of Application Codes. Application codes relate items to specific systems, subsystems, end items, etc. Application codes can be loaded on item records through TRIC 1AP or by FIL when the item record is loaded. Application codes can be used to assist in tracking usage and cost analysis for a given weapon system, and, if the item is in type stock record account code K, des-

ignite munitions items as HAF-LEY (AR)7109 reportable. Application codes are locally assigned, except as stated in this section. The major command can also assign codes for use by its bases.

27.118. Application Codes.

27.118.1. Application Code Inputs. The application code input must contain a specific system designator, and can only be loaded on the stock number for that system designator. An asterisk (*) in the second position deletes the application code from the item record. If the item record pertains to a packaged aviation oil product in the B type stock record account, the application code must be AO (alpha). If the item record is for a utility or heating fuel in type stock record account code B, the application code must be HF. The program does not edit this field on the input; therefore, omission of the application code on these items results in an erroneous update of the element of expense investment code (EEIC) on the organization cost center record.

27.118.2. Stock Record Account Code K. If the type stock record account code is K, the first position of the application code must be N or R. If the first position is being changed from N to R, the DODIC AFAC must be reflected in the item record nomenclature or a reject will occur. See [Section 27E](#) for details. Only the second position of the application code field can be blanked if the item is type stock record account code K.

27.119. Precious Metal Indicator Codes. Precious metal indicator codes (PMIC) are used to identify defense materiel items that contain precious metals and the content value of the metal. PMIC codes are pushed through SNUD for national stock numbers, but L and P stock numbers require manual loading. (See [Attachment 27M-1](#) for input format and [Attachment 27M-3](#) for applicable codes.)

27.120. Automated Data Processing Equipment Codes. Automated Data Processing Equipment (ADPE) codes are used to identify DOD ADPE/ADP components in the supply system. ADPE codes also help Defense Reutilization and Marketing Offices (DRMO) identify these items at the time they are transferred to disposal. ADPE codes are pushed through SNUD for national stock numbers, but L and P stock numbers require manual loading. Refer to [volume 1, part 4, chapter 1, attachment 57I](#), for applicable codes and to attachment 57II for a list of FSCs requiring ADPE codes. ADPE code 8 will be assigned to ADPE equipment items with L and P stock numbers when the other ADPE codes do not apply.

27.121. AFTO Form 95 Codes. The AFTO Form 95 (significant historical data) is required when serially controlled items are shipped off base. AFTO Form 95 codes are pushed through SNUD for national stock numbers, but L and P numbers require manual loading. (See [Attachment 27M-1](#) for input format.) Each item that maintenance keeps a record of maintenance on requires an AFTO Form 95. Normally, these items have been stock listed. If there is any doubt during the load of a nonstock listed item, contact the requester to determine if a record of maintenance must be maintained on the item. When a record of maintenance is prepared, the AFTO Form 95 code must be loaded.

27.122. Budget Line Codes NAEW E-3A Component. These codes are applicable to NATO Airborne Early Warning be (NAEW) E-3A Components, and must numeric 0-9 or alpha A-Z. Codes will be added, changed, or deleted using the 1AP input format (see [Attachment 27M-1](#)).

27.123. Munitions Reportability Data.

27.123.1. Reportability Code N. If the change-to munitions reportability code is N and the item record reflects ERRCD of XD(x), a report code of 6 is added to the item record.

27.123.2. Reportability Code R. If the change-to munitions reportability code is an R, the ARMS reporting code data is blanked

27.124. Exceptions.

27.124.1. Changes to the Reportability Code for stock record account code K items. If the input results in a change to the munitions reportability code type stock record account code K item, the program writes either an application code 91 or 92 transaction history.

27.124.2. Changes to other than type stock record code K items. Changes to other than type stock record code K items do not cause the program to write transaction histories.

Section 27N—STANDARD REPORTING DESIGNATOR RECORD.

27.125. Overview.

27.125.1. Section Summary. This section first defines the standard reporting designator (SRD) record, explains why this record is used, and finally describes how to correctly use the record.

27.125.2. Definition. The standard reporting designator record is a computer-generated record that identifies the aircraft, end items, or systems assigned to the base and/or satellite accounts. This record consolidates the elements of mission design series (MDS) and maintenance equipment classification designator (MECD).

27.125.3. Purpose of the Standard Reporting Designator Record. This record reflects all authorized SRDs.

27.126. Operation of the Standard Reporting Designator. The 008-MICAP-FLAG will be set to a Y for MICAP reportable SRD and N for non-MICAP SRD. The MICAP flag may be interrogated by processing a 1SR inquiry using any terminal function. (See [Attachment 27N-1](#) for input format.)

27.127. Verification Responsibilities. Records Maintenance will load, change, or delete the standard reporting designator record when required. The SRD and MICAP flag loaded in the standard reporting designator record will be verified for currency and accuracy and changed or deleted as necessary. (See chapter 6, [section 6A](#), for program NGV567, Quarterly SBSS/CAMS SRD Reconciliation, processing instructions.)

27.128. Reserved.

27.129. Reject Conditions.

27.129.1. Rejects. The input to the standard reporting designator record will reject if the following conditions are NOT met:

27.129.2. The action code must be L, C, D, or I.

27.129.3. The three-position SRD must be alpha/numeric and not contain any special characters or blanks.

27.129.4. Position 8 (MICAP flag) must be Y for MICAP or N for non-MICAP if load or change is to be processed.

Section 270—FEDERAL SUPPLY CLASS (FSC) AND MATERIEL MANAGEMENT CODES (MMC).

27.130. Overview.

27.130.1. Section Summary. This section explains what FSC and MMC are and what FSC and MMC do. In addition, the section describes how the Records Maintenance Unit maintains and monitors FSC and MMC records.

27.130.2. Definition. FSC and MMC records identify the federal supply classes (FSC) and materiel management codes (MMC) loaded and/or authorized in each SBSS computer.

27.131. Maintaining FSC and MMC Records.

27.131.1. Purpose of FSC and MMC Records. These records are used to route reports and shipments to the correct item manager (IM). FSC and MMC record formats are given in part 4, chapter 5. (AFMC IM codes are listed in [Attachment 270-3](#).)

27.131.2. Records Maintenance. Records Maintenance is responsible for maintaining/monitoring FSC and MMC records. To review these records, use program NGV538, which lists the FSC and MMC records loaded. (See chapter 6, [attachment 6A-16](#) for processing instructions and input format.)

27.132. Source of Data For FSC and MMC Records. FSC and MMC record data are available on a weekly basis by the Stock Number User Directory (SNUD). Federal supply class (FSC) and materiel management code (MMC) screening are available for either a whole FSC and MMC data file or only a portion of the file. (See [Attachment 270-1](#) and [Attachment 270-2](#) for input and output formats.)

27.133. Required Records.

27.133.1. FSC and MMC Record Requirements. The Air Force Materiel Command (AFMC) will provide FSC and MMC record requirements as additions, changes or deletions from the logistics system. Sometimes AFMC automatically sends the BVL/BDL inputs. This automatic procedure is often referred to as a PUSH of a BVL/BDL input. This push of BVL/BDL inputs is the response of AFMC to a BVA or a new requirement.

27.133.2. FSC and MMC Record Maintenance. FSC and MMC records must be maintained for all FSC and MMC appearing on item records in the SBSS computer.

27.133.3. New Item Record Load Inputs. New item record load inputs (FIL) will reject unless an FSC and/or MMC record is already in the computer with an equal FSC and/or MMC.

27.133.4. MMC Record Loading. An MMC record may be loaded for each alpha-alpha combination; for example, AA-AZ through ZA-ZZ.

27.133.5. Limitations to FSC Loading. The following FSC inputs will reject if the FSC is in federal supply groups (FSG): 00, 09, 21, 27, 33, 50, 57, 64, 82, 90, 97, and 98.

27.134. Load, Change, or Delete Instructions.

27.134.1. Rejection of Item Record Load. When a request for item record load (FIL) is rejected, or an FSC or MMC record is not loaded or is invalid, an 092 reject notice is generated. Records Maintenance will process a BDL and prepare a BVA (FSC/MMC interrogation) for submission to AFMC.

27.134.2. An 048 Management Notice. The computer will provide an 048 management notice when a BVL/BDL is input for a load or for a change of an MMC record.

27.134.3. Validation of the MMC Requirement. Records Maintenance will validate the requirement for the MMC. If the requirement is valid, Records Maintenance will enter an R in position 18 of the first line on the management notice, and then reinput or forward to keypunch for input to Computer Operations/main system.

27.134.4. Processing Inputs. Inputs received to load, change or delete FSC records and to delete MMC records will be processed internally.

Section 27P—SHIPPING DESTINATION RECORDS.

27.135. Overview.

27.135.1. Section Summary. The shipping program uses shipping destination records (SDR) to print addresses for shipments on DD Form 1348-1A. This section describes the maintenance of these records, including shell records. Also explained are procedures for changing and deleting shipping destination records.

27.135.2. Maintaining Shipping Destination Records (Code 519). When unserviceable ERRCD XD2 items are shipped to destinations other than the FSC or FSC/MMC unserviceable storage site, a shipping destination record is maintained for each destination. AFMC uses SNUD to selectively disseminate data for controlling the movement of reparable items. (See [Section 27U](#) for details.)

27.135.3. Shipments Requiring Shipping Destination Records. Records Maintenance will load and maintain a shipping destination record for each shipment to any of the following: AFMC IM, AFMC unserviceable storage site, Defense Logistics Agency (DLA) storage sites, General Services Administration (GSA), and Army storage points. Shipping destination records may also be established when redistribution orders (RDO) and lateral support requests give rise to frequent shipments (serviceable and unserviceable) to any authorized stock record account number.

27.135.4. Ship-to Account Field of SDRs. When the input ship-to account code is EZ or EY in the first two positions, program control automatically loads blank spaces for the routing identifier code on the shipping destination record.

27.135.5. References. Shipping addresses, routing identifier codes, and ZIP codes are found in the following references:

27.135.5.1. Shipping address information and routing identifier codes are listed in DOD 4000.25-1-S1, MILSTRIP Routing Identifier and Distribution Codes.

27.135.5.2. ZIP codes are listed in the postal ZIP code manual.

27.136. Shell Records.

27.136.1. A shell record is a partial record of shipping data. The record is loaded pending the input of complete information.

27.136.2. Establishing the Shell. Occasionally a BDR format (see [Section 27U](#)) may be input containing a ship-to account code, and no destination record is loaded in the computer for that particular code. When this happens, shell shipping destination records containing only the ship-to account code are established under program control.

27.136.3. Notice to Complete Shell. When a shell record requires completion, the phrase F012 MGT COMPLETE SHELL SHIP DEST RECORD FOR (ship-to account code) will be printed on the third line of the BDR output notice. (See [Attachment 27P-1](#) and [Attachment 27P-2](#) for data needed to complete the shipping destination record.)

27.136.4. Deadline for Completing Shell Record. Shell shipping destination records should be completed within one duty day after the F012 management notice is received. **NOTE:** Reason loaded code A (AFMC directed) is automatically assigned to the shipping destination record by BDR processing.

27.137. Loading New or Complete Shell Shipping Destination Records.

27.137.1. Required FRD Inputs. Two FRD inputs are required to load a new shipping destination record. Completing a partially completed record or shell may require the input of both number 1 and number 2 inputs, depending upon which data fields require completion. (See [Attachment 27P-1](#) and [Attachment 27P-2](#) for shipping destination records.) **NOTE:** To ensure correct processing of input number 2, number 1 must be input first.

27.137.2. Reject Notice for FRD Input. Notification of rejected input will be in the format shown in [Attachment 27P-3](#).

27.137.3. Invalid Ship-To Addresses. DLA inventory control points S9(X), that is, S9E, S9I, S9C, S9G, etc., and the Defense Program for Redistribution of Assets (DEPRA) at Gentile AFS Ohio (HR1) are not valid ship-to addresses. If an attempt is made to load one, the program will override the address field with the phrase NOT AN AUTHORIZED SHIP-TO ADDRESS.

27.138. Changing Shipping Destination Records.

27.138.1. Requirements for Changing Shipping Destination Records. FRD input format 1 or format 2 is used to change data on existing shipping destination records. The data to be changed determine which input format to use. In order to change an existing record, the ship-to-account code must match that of an existing record.

27.138.2. Notice That Shell Is Not Loaded. If a change is processed but the shell record is not loaded, the phrase NO FIND ON INPUT ATTEMPT. SHIP TO ACCT NOT ON FILE will be printed on the FRD output notice. Verify the input and load the necessary shell record.

27.139. Deleting Shipping Destination Records.

27.139.1. Shipping Destination Records for Repair Cycle Items. A shipping destination record should not be deleted if it is required for a repair cycle item.

27.139.2. FRD Delete. Shipping destination records can be deleted by processing an FRD3 input (see [Attachment 27P-5](#) for input format). The program must find an equal ship-to-account loaded in the computer. If the program can find no match, then it prints the phrase NO FIND ON INPUT ATTEMPT. SHIP TO ACCT NOT ON FILE on the output notice.

27.140. Shipping Destination Record Cleanup.

27.140.1. Program NGV586. Program NGV586, Shipping Destination (Record Cleanup), must be run whenever the MISCELLANEOUS AREA becomes full or anytime shipping destination records need to be deleted.

27.140.1.1. Full Area. When the miscellaneous record area is full, a 799 reject is output with error code 12, error number 0084, error set: miscellaneous area full. The message MISCELLANEOUS-AREA IS FULL is printed on Computer Operations/main site console operator's terminal printer.

27.140.1.2. Record Deletion. There are two codes to help you decide which shipping destination records to delete.

27.140.1.2.1. When you select the input option flag P (print), program NGV586 prints a listing of all shipping destination records currently stored on the database in the miscellaneous area.

27.140.1.2.2. When you select the input option flag V (validation), program NGV586 lists shipping destination records which are not required for repair cycle items and which can be deleted. Shipping destination records that can be deleted are sorted based on date of last shipment and reason loaded code.

27.140.2. NGV586 Processing Schedule. Upon receiving notification that the shipping destination area is full, or anytime shipping destination records need to be deleted, Records Maintenance will contact Computer Operations to schedule processing of programs NGV586 and NGV826/R08. After program NGV586 is run, Records Maintenance uses the validation option to review the records eligible for deletion. Records Maintenance does the following:

27.140.2.1. Calls up screen number 538 (FRDR) to begin the review process.

27.140.2.2. Presses XMIT to display screen number 539 (FRD4). This screen contains the first deletion-eligible ship-to-account-code. Applicable action codes with definitions are on this screen.

27.140.2.2.1. If you want to delete the ship-to-account-code that is on the screen, insert action code D and press XMIT.

27.140.2.2.2. If you don't want to delete the ship-to-account-code shown, insert action code () (use the space bar to insert the blank code). The program skips to the next deletion-eligible ship-to-account-code for you to review.

27.140.2.2.3. If you want to skip (save) several ship-to-account-codes, simply insert the code you want to delete on screen number 539. The program will automatically move to that ship-to-account-code.

27.140.3. Exiting NGV586. Records Maintenance does the following to exit program NGV586:

27.140.3.1. Uses action code F and presses XMIT to exit the review process without deleting suspense records. The review process starts again. The phrase FRD REVIEW PROCESS NOT COMPLETED displays.

27.140.3.2. Uses action code A and presses XMIT to delete all suspense records and the FRD-delete-header record. The phrase FRD REVIEW PROCESS COMPLETE ALL SUSPENSE RECORDS HAVE BEEN DELETED displays.

27.140.4. Program Errors. The review and validation process should be done every time the validation option for program NGV586 is processed.

27.140.4.1. If you attempt to start the review process using screen number 538 (FRDR) without first running program NGV586, the phrase NO FRD HEADER SUSPENSE RECORD LOCATED will be printed.

27.140.4.2. If you insert an incorrect ship-to-account-code or one that is not loaded using screen number 539, the phrase NO SHIPPING DESTINATION RECORD LOADED FOR SRAN: will be printed.

27.140.5. Program Completed. After program NGV586 is complete and the validation option processed, Records Maintenance processes program NGV826/R08 to ensure that current data are available for off-line shipments.

27.141. Rejects. Notification of rejected input will be in the format shown in [Attachment 27P-3](#).

Section 27Q—ORGANIZATION COST CENTER RECORD, LOAD, CHANGE, OR DELETE.

27.142. Overview. Explains the purpose of organization cost center records and the actions required to establish, change, or delete organization cost center records (OCCR).

27.143. Establishing Organization Cost Center Codes.

27.143.1. Organization Code. Records Maintenance assigns the organization code to identify organizations and detachments receiving logistical support from the Chief of Supply. The organization code also identifies the internal functions of the Chief of Supply. Many A&F and Supply internal program decisions are made based on organization codes. Organization cost center records 100 through 999 are authorized for each system designator.

27.143.2. Cost Center Codes. When more than one cost center exists within an organization, each cost center has its own three-digit organization code.

27.143.3. Operating Budget Account Number. Each operating budget account number (OBAN) which processes issues of aviation oil package products needs a separate organization cost center record.

27.143.4. MRSP, MSK Items and Joint Use Items. Mobility Readiness Spares Package (MRSP) and mission support kits (MSK) involving multiple use need a separate organization code for each command involved. Authorized/in-use detail records involving joint use of equipment also need a separate organization code for each command involved. **CAUTION:** Only one using command code is stored on each organization cost center record.

27.143.5. Letters and Forms. Establishing an organization account and appointing an equipment custodian may be requested on a letter or form. When one letter or form is used, a copy must be provided to Equipment Management for their actions. (See chapter 22, [section 22C](#) concerning equipment custodians.)

27.143.6. A separate organizational identification code will be loaded for each resident school course outlined in the education and training course announcements and developed in accordance with AETCI 36-2203. Contact HQ AETC/LGSWE ROF monitor with course to be added, changed or deleted. HQ AETC will load the information in AFEMS. Records Maintenance will receive a notice in e-mail conference of organization identification codes assigned, which have changed. Assignment of multiple courses will not be allowed against one organization identification number.

27.144. Load of an Organization Cost Center Record (001 - 099).

27.144.1. Organization cost center records 001-099 are used for information only and will not be used for issue/turn-in transactions. These records are used primarily for printing addresses on documents. Organization cost center records 041-069 are used to support satellite activities, such as, media and status (M&S) and Stock Record Account Numbers (SRAN) for the servicing DRMO, etc.

27.144.2. Record Maintenance at the host base will load organization cost center records 001-040, 070 through 099, if required. (See chapter 3 for the assignment of organization codes.) The data required when loading these organization cost center records are:

27.144.2.1. Organization Code. Organization codes must be assigned as described in chapter 3.

27.144.2.2. Organization Title. Satellite organization cost center records for organization codes 041-049 must contain the FB, FE, or FK account number assigned to their satellite. This number appears in the first six positions. The satellite name contained in chapter 2 is in the next sixteen positions (for example, FB5650 RAF Chicksands). Organization codes 050-069 must use FG and their SRAN.

27.144.2.3. Delivery Destination Code. Delivery destination code is a three-position field that identifies a delivery destination.

27.144.2.4. Parcel Post/Freight Address. The parcel post/freight address from organization cost center record 001, 041-069 is printed in Block 2 (Ship-From) of the DD Form 1348-1A shipping documents.

27.144.2.5. ZIP code. Enter the ZIP code for the organization.

27.144.2.6. Mission Design Series (MDS) Code. The base OCCR must accurately identify the standard MDS associated with the organization. Base Supply Records Maintenance personnel will use the FOR to input (or change) appropriate MDS codes when creating new OCCRs. The MDS input in the FOR transaction should be the predominate MDS supported by the organization. These OCCR data elements enable the SBSS to provide consumption (failure) data by MAJCOM and MDS. The MAJCOM-by-MDS consumption data will be used to determine cost per flying hour and to budget and allocate AF Organization and Maintenance (O&M) funds. The bases shall assign the appropriate MDS to each organization code within the base OCCRs. For the base OCCR MDS data to be useful, all bases must use standardized MDS codes. MDS standardization will allow AFMC to accumulate the base reported consumption across bases by MDS. In the future, the standardized MDS codes will be provided as an enumerated pick-list in the FOR GUI screen. However, until that improvement is fielded, it is imperative that base personnel use one of the standardized MDS codes provided in Attachment 27Q2 (FOR input format). Enter the ZIP code for the organization.

27.144.3. The Record Maintenance at the satellite (or host for 001) should load organization cost center record based on system designator assigned to these satellites, i.e., A1 - 041, B1 = 051. The data required for these organization cost center records are the same as the above plus the following:

27.144.3.1. Major command code. Major command codes are described in chapter 3.

27.144.3.2. Force Activity Designator. Force activity designator is described in chapter 11, [section 11A](#).

27.144.3.3. Satellite Purchasing Capability Flag. The satellite purchasing capability flag applies only to satellite organization cost center records. The codes and their meanings are as follows:

27.144.3.3.1. Code 4--The satellite Contracting Office supports this satellite. The satellite does not use the Standard Procurement System (SPS), formerly Base Contracting Automated System (BCAS) procedures.

27.144.3.3.2. Code E--The satellite Contracting Office supports this satellite and uses the SPS/BCAS procedures.

27.144.3.3.3. Code Blank--The computer support base Contracting Office supports this satellite.

27.144.3.4. SRAN of servicing DRMO.

27.144.3.5. ZIP of servicing DRMO.

27.144.3.6. DRMO - TMO - delivery flag (T) specifies if the property is for delivery to DRMO. Blank specifies the property is shipped through TMO.

27.144.3.7. DRMO Lot Flag.

27.144.3.7.1. The DRMO lot flag is set to Y when bases choose to use the procedures in chapter 15, [section 15H](#) and require only three copies of DD Form 1348-1A.

27.144.3.7.2. The DRMO lot flag is set to a Blank if items are shipped to DRMO by the Traffic Management Office (TMO).

27.144.3.8. Media & Status code. This code specifies the type status you require in response to your requisition. (See chapter 9, [section 9D](#) for a description of media and status codes.) If these fields are blank on input, a K will be assigned. (K = means exception supply status and 100 percent shipment status.)

27.144.3.9. Bulk Issue Flag. The bulk issue or line item accounting flag applies only to organization codes 001 and 041 through 069. It identifies those organizations operating Retail Sales under bulk issue or line item accounting procedures.

27.145. Actions Necessary to Load an Organization Cost Center Record (100-999).

27.145.1. Upon receipt of a request to load a new organization cost center record (100-999), Records Maintenance will ensure the data elements required by volume 2, part 13 are provided. They must also verify the organization identification code, force activity designator, major command code, gaining command code, and geographical location code with the data loaded in the Air Force Equipment Management System (C001). These data elements must agree with the AFEMS database or rejects will occur (see chapter 22).

27.145.2. Work with the Accounting and Finance Office (A&F) to obtain additional data as required. Coordinate with the Supply Policy and Procedures Flight to ensure there are no planned or projected mission changes that could impact the assignment of organization code(s).

27.145.3. Force Activity Designator (FAD) override code assignment:

27.145.3.1. When a requester requires an item used in direct mission support of a higher priority FAD, have the requester use the FAD of the requirement being supported.

27.145.3.1.1. Three options exist for assignment of FAD override code:

27.145.3.1.1.1. Option 1. When higher FAD requirements are supported but do not predominate on a routine and continuing basis, use the FAD override option on an individual issue request.

27.145.3.1.1.2. Option 2. When higher FAD requirements are supported on a routine and continuing basis but do not predominate, establish a separate organization cost center record (OCCR) for the higher FAD requirements.

27.145.3.1.1.3. Option 3. When higher FAD requirements are predominantly supported, the higher FAD will be loaded to the existing OCCR.

27.145.3.1.2. When either option 2 or 3 above is used, it must be so stated in writing and signed by the Chief of Maintenance and the Chief of Supply. Letters do not need to be updated when either the Chief of Maintenance or the Chief of Supply changes. Remove the letter when the higher FAD is no longer required.

NOTE:

For organizations not under a Chief of Maintenance organizational structure, the supporting commander or staff agency chief, as appropriate, will sign the correspondence.

27.145.3.1.3. Also use these procedures to establish FAD override support for special emphasis programs listed in the USAF PD.

27.145.3.1.4. Do not use these procedures for routine administrative support.

27.145.4. Action required by the Accounting and Finance Office. The Accounting and Finance Office takes the following action on organization cost center record loading:

27.145.4.1. Project Funds Management Code. The project funds management record (PFMR) is a control record for one (or more) organization cost center record. It is used in the control of SMAG issue and due-out charges or turn-in refunds.

27.145.4.2. Cost Center Code. The cost center code identifies the lowest level organizational entity for which financial and performance data are accumulated. At the end of the month, cost center reports are produced for input to the operating accounting system.

27.145.4.3. Expense Record Output Flag. A&F end-of-day programs use the expense record output flag to determine if E records will be produced.

27.145.4.4. Type Organization Code. Use the type organization code to identify funding responsibility. You must use the correct code since it influences internal decisions on refunding, reimbursement, and the correct fund appropriation. (See chapter 3 for type organization codes.)

27.145.5. Action required by Records Maintenance. Records Maintenance takes the following action on organization cost center record loading:

27.145.5.1. Verify all data.

27.145.5.2. Organization Title. Use the organization title to identify the specific organization, detachment, function, etc., for which the organization record is established (for example, 502nd Supply Squadron).

27.145.5.2.1. Off-base organizations that have an activity address code different from the host (computer support base) enter their activity address code in the first six positions of the

organization title field (for example, FY8018 Boeing Commercial Airplanes). Refer to DOD 4000.25-1-S1 for activity address codes. Data in this field are printed on off-base issue and due-out release documents. (See chapter 11 for issues and chapter 12 for due-outs.)

27.145.5.2.2. Assign the applicable organization code.

27.145.5.2.3. The off-base flag is optional for off-base activities when the written agreement states they are responsible for pickup of their materiel, and they request the materiel not be routed through the local Transportation Management Office. Off-base organizations will not be able to process an issue (ISU) on IEX 3 and 6 items.

27.145.5.3. Equipment Authorization Flag. The equipment authorization flag identifies those organizations not authorized equipment. If this flag is equal to 1, activity code E issue requests will not process.

27.145.5.4. Delivery Destination Code. The delivery destination code is a locally assigned designator indicating where to deliver supplies or equipment. The code will be used if the ISU request did not have a delivery destination code.

27.145.5.5. System Designator. The system designator identifies the account the organization cost center record is authorized to use for issue or turn-in transactions.

27.145.5.6. ICBM Maintenance Activity Designator/AMC Forward Supply Support Flag or the DMA Reimbursement Designator. The flag and designators are defined as follows:

27.145.5.6.1. The intercontinental ballistic missile (ICBM) maintenance activity designator (M) identifies organizations performing ICBM maintenance. The issue/due-out release program also uses it to assign DIFM status codes.

27.145.5.6.2. The Defense Mapping Agency (DMA) reimbursement designator (C) identifies those DMA activities supported by the SBLC. These activities provide materiel on a reimbursable basis (appropriation reimbursements) with the exception of base-procured investment items purchased with other procurement funds (57*3080).

27.145.5.7. Bench Stock Override Print Flag. The bench stock override print flag designates that BSU outputs are to be produced instead of having DD Forms 1348-1A.

27.145.5.8. Gaining Major Command Code.

27.145.5.8.1. Air National Guard or AF Reserve. If the parent command code is Air National Guard or AF Reserve, always load a gaining major command code. An XSE input is used to update the major command code (see chapter 22, [section 22G, attachment 22G-16](#)).

27.145.5.8.2. Double asterisk. If a double asterisk (**) appears in the gaining command code field of the M24/NGV863, Indicative Data List, then the gaining command code for an Air National Guard/Air Force Reserve (ANG/AFR) organization is absent. Records Maintenance must promptly correct this condition.

27.145.5.8.3. MRSP/MSK use. When organization cost center records exist for MRSP/MSK use, make sure that each record is loaded with the proper using command code.

27.145.5.9. Core Automated Maintenance System (CAMS) Identification Code. This may contain an alpha character other than X. This will be provided by CAMS. On the CAMS system, this is known as the ID.

27.145.5.10. AWP Delivery Destination. The AWP delivery destination code designates a location or holding area for delivery of bits and pieces required for repair of awaiting parts (AWP) items. This code is locally assigned.

27.145.5.11. Prepare and process FOR inputs.

27.145.5.12. Forward all correspondence to Computer Operations. After successfully processing the FOR inputs, they use this correspondence as authority to establish distribution bins or boxes for the new organization. Computer Operations returns all correspondence to Records Maintenance for the organization record file.

27.145.6. Delivery Destination Record. Load the delivery destination record. Records Maintenance must ensure that a delivery destination record is loaded for the 3-digit delivery destination code for any shop code identified for that organization. (See [Section 27X](#) for loading delivery destination records.)

27.146. Changing Organization Cost Center Records and Associated Data.

27.146.1. The organization may request changes to its data. The request must be in writing and will be processed according to the following instructions.

27.146.2. Equipment Management. If the change affects only the assignment of equipment custodians and alternates, forward the correspondence directly to Equipment Management. Equipment Management will ensure these changes are forwarded to Pickup and Delivery--and to any other section that requires notification of custodian changes.

27.146.3. Records Maintenance. Process all changes the same way as the original. When changing the Organization Title field, only alpha/numeric characters are accepted. Special characters will produce a 001 reject. When changing the force activity designator, you may use a SURGE program to produce the inputs and outputs required to update the due-in and due-out detail records for the affected organizations. Coordinate these actions with Stock Control and Computer Operations.

27.147. Deleting Organization Cost Center Records.

27.147.1. To delete organization cost center records, you should either have a written request from the organization commander or know about the deletion from AFEMS (C001), XSE transaction, or AFEMS E-Mail. Requests for deletion will be forwarded to the Operations Support Flight. The following actions are required to delete an organization cost center record:

27.147.2. Work with the other elements or flights to make sure they have completed all the steps necessary to process the organization cost center record delete.

27.147.3. Have Computer Operations process Organization Record/Detail Cleanup List NGV340/UTL340 program (see chapter 6) to make sure that detail records are not loaded for the organization code being deleted. If any records are loaded, work with the appropriate flights to delete the detail records before deleting the organization cost center record.

27.147.4. Prepare and process a FOR delete after verifying that there are no records loaded (see [Attachment 27Q-1](#) or [Attachment 27Q-2](#)).

27.147.4.1. When processing deletes of organization codes 100 through 999 (see [Attachment 27Q-2](#)) review the output delete notice to make sure the appropriate cost center record is identi-

fied for deletion. The inline program does not delete these organization codes. Instead, it stores a delete flag of D on the organization cost center record.

27.147.4.1.1. Accounting and Finance programs delete organization codes 100 through 999 if all the dollar fields, except the following, are blank: supplies and equipment net nonreimbursable issues, net investment issues, and forced sales.

27.147.4.1.2. Program NGV946 will delete those organization cost center records (100-999) that have been identified for deletion (refer to DFAS-DE 7077.10-M). Also, program NGV977B (M03) will delete the organization cost center record (518) (see DFAS-DE 7077.10-M).

27.147.4.2. If the delete is for organization codes 001 through 099, the program deletes the organization cost center record since there are no financial data on these records. When deleting organization codes 041-069, make sure there are no item records loaded with the applicable system designator.

27.148. Freezing Organization Cost Center Record.

27.148.1. Freeze or Delete Flag. The freeze or delete flag is a dual-purpose flag stored in the organization cost center record. It is loaded, changed, or deleted with an FOR input (see [Attachment 27Q-2](#)).

27.148.2. Freeze Flag R. The freeze flag "R" is assigned by an FOR input when the Chief of Supply has decided to restrict financial transactions (except for turn-ins, due-out releases, and reverse-post transactions) against an organization being deactivated, consolidated, transferred, or for administrative reasons.

27.148.3. Delete Flag D. When action code of "D" is used, a delete flag "D" is stored on the organization record (518) when no details exist. If details exist the organization record will store a "P" and once details deleted it will be changed to a "D". Processing of program NGV946, Accounting and Finance (A&F) End-of-Fiscal-Year Closeout, or monthly M03/NGV977 will delete any organization record with a "D" in the freeze/delete flag field of the organization record (518).

27.149. Files and Listings.

27.149.1. Records Maintenance is responsible for maintaining or monitoring the following files and listings:

27.149.2. The Organization Effectiveness Report (M24). Update current list as changes are made and verify changes upon receipt of new listing.

27.149.3. The Organization Cost Center Record File. The organization cost center record file is not required; however, MAJCOMs may direct that this file is maintained. When this file is maintained, it will be disposed of IAW AFMAN 37-139, Table 23-3. One folder will contain all the supporting documentation for adds, changes, and deletes of organization records. Maintain the supporting documentation in organization code sequence.

Section 27R—EXCEPTION PHRASE AND TYPE CARGO PHRASE RECORDS: LOAD, CHANGE, OR DELETE (FXR/CPH).

27.150. Overview.

27.150.1. Definition. Phrase records are records that use narrative phrases rather than alpha-numeric code that is loaded on an item record. These phrase records are used for narrative processing. The exception phrase record gives specific information about an item record. First, it decodes the code in a narrative phrase; second, it specifies the category under which an item falls. Exception phrase records provide a plain language phrase for codes loaded on item records.

27.150.2. Section Summary. This section first describes codes used for exception phrase processing. Next, loading procedures are given, including loading override records. Finally, changing and deleting records are explained.

27.150.3. Use of Exception Phrase Records. Exception phrase records are used to control and to identify items that are not subject to normal excess, issue, requisitioning, and shipping procedures. Records Maintenance is responsible for loading, changing, or deleting exception phrase records. (The FXR input format is shown in [Attachment 27R-1](#).)

27.150.4. Use of Type Cargo Phrase Records. Type cargo phrase records are required to provide the plain language phrase for printing on DOD single line item release/receipt document, DD Form 1348-1A. Records Maintenance is responsible for loading, changing, or deleting type cargo phrase records. (See [Attachment 27R-3](#) for CPH input format.)

27.151. Use of Exception Code.

27.151.1. Exception Processing. The exception code on the item record identifies the applicable exception phrase record for exception processing of excess, issue, requisition, and shipping transactions for that item.

27.151.2. Meanings of Codes R and P. These codes either prevent or permit processing.

27.151.2.1. If the code in the exception phrase record is R, a notice (the phrase on the exception phrase record) will be printed out and the input will be rejected. **NOTE:** In order to process under these conditions, the input document must contain an exception code equal to the code in the record.

27.151.2.2. If the code is P, the notice will be printed out but the input will process.

27.151.3. Assignment of Codes. Exception codes 1-9, requisition exception code (REX) O, and certain alpha codes are assigned by HQ USAF. Other exception codes may be assigned by major commands and bases.

27.151.4. Printing. To cause PRINTING of exception phrases on issue and turn-in, use an asterisk (*) in the first position of the exception phrase field. An asterisk (*) in the first position of the exception phrase record on shipments will produce shipment override data.

27.152. Loading the Exception Phrase.

27.152.1. To load an exception phrase record, enter through Computer Operations/main system or the Records Maintenance terminal the following fields of the input. Use the Records Maintenance terminal as indicated.

27.152.2. Transaction Identification Code. For this code (positions 1-3), enter FXR.

27.152.3. Exception Phrase. The exception phrase cannot be over 35 digits in length and will be entered beginning with position 18. Positions not needed will be left blank.

27.152.4. Exception Code. Enter assigned exception code. Check the appropriate code in chapter 3 before loading the phrase record.

27.152.5. Exception Notice Code. This code must be P or R.

27.152.6. Exception Flag. This code identifies to the program the area of the record that a given phrase applies to. An E will be used for excess processing, I for issue, R for requisitioning, and S for shipping. This code does not appear in the record.

27.152.7. Action Code. For this code (position 80), enter L.

27.153. Loading Override Records.

27.153.1. Exception Phrase Records. Exception phrase records loaded to override requisition /shipping data are identified by an asterisk (*) in the first and/or second position of the exception phrase. These records are set up by processing FXR input (see [Attachment 27R-1](#) for format). **CAUTION:** Use extreme care when loading override records to ensure that all data elements entered are compatible with each other and with Military Standard Requisition and Issue Procedures (MILSTRIP). Also, use extreme care when assigning the REX codes to item records to ensure compatibility with item record data. Stock Control will manage override records and will maintain exception control formats (ECC) for each record loaded (as explained in chapter 9, [section 9C](#) and chapter 15, [section 15A](#)). Stock Control controls all changes, additions, and deletions.

27.153.2. Requisition Override Records. Requisition override records are used by the requisition programs as outlined in chapter 9. Internal edits are performed on FXR load inputs as follows:

27.153.2.1. Stock replenishment flag in position 18 must be an asterisk (*) if the input code applies to requisitions for stock replenishment. If the code does not apply to this, leave it blank.

27.153.2.2. Due-out requisition flag in position 19 must be an asterisk (*) if the input code applies to requisitions for due-outs. If the code does not apply, leave it blank.

27.153.2.3. Project code in positions 20-22 must be alpha-numeric. See [volume 1, part 4, chapter 1](#).

27.153.2.4. System designator in positions 23-24 must be two numerics other than zeros, or any combination of alphanumeric.

27.153.2.5. Routing identifier code in positions 25-27 must be equal either to a routing identifier record loaded or to three blanks.

27.153.2.6. Forward supply point category code in position 28 must equal 1, 2, 3, or be blank.

27.153.2.7. MICAP source of supply override in position 29 must equal a Y if the item record routing identifier is to be used; otherwise leave blank.

27.153.2.8. Urgency of need designator A source of supply override in position 30 must equal a Y if the item record routing identifier is to be used; otherwise leave blank.

27.153.2.9. The ship-to/bill-to supplementary address in positions 33-36 may be blank or contain any valid ship-to address. This field is not edited by the program (see [volume 1, part 4, chapter 1](#)). This field will not be used for local use (Y in position 33).

27.153.2.10. Priority designator in positions 37-38 must be either two numerics within the range of 01 through 20 or blank.

27.153.2.11. Lateral requisition flag in position 39 must be 1 (one) or blank. If a 1, the requisitioner's RIC will be entered in positions 73-75 and the IM's RIC in positions 78-80 of the requisition.

27.153.2.12. Advice code in positions 40-41 must be one numeric followed by one alphanumeric or two blanks (see [volume 1, part 4, chapter 1](#)).

27.153.2.13. Project name in positions 42-51 will be the project name, if applicable, or left blank.

27.153.2.14. TEX code in position 52 may be blank, 7, or R. Requisition programs store the TEX code contained in the TEX code field in position 72 of the requisition. This applies if the advice code is 6X or 6Y.

27.153.3. Shipping Override Records. The shipments program uses the shipping override records as explained in chapter 15. Specific entries in the FXR load input are:

27.153.3.1. Enter an asterisk (*) in position 18 to indicate an override record.

27.153.3.2. Enter a 1 (one) in position 19 to identify items supported by centralized intermediate repair facility (CIRF). When this flag is ON, any pre-post turn-in with MATC 1-7 will be changed to NRTS D and shipped to the activity reflected on the override record. The output documents will also reflect the project code and priority from the override record. Enter an asterisk (*) to delete the flag.

27.153.3.3. Enter the SRAN of the IM to receive credit in positions 20-25 (two alphas followed by four numerics). This entry will be printed on the DD Form 1348-1A shipping document. Leave blank if not applicable.

27.153.3.4. Enter the applicable fund code in positions 26-27. (See AFR 177-101, part 4, chapter 10, or leave blank.)

27.153.3.5. Enter the specific project code applicable to the system, project, or program from which the item is generated in positions 28-30 (see [volume 1, part 4, chapter 1](#)). Leave blank if not applicable.

27.153.3.6. Enter a signal code in position 31 identified in [volume 1, part 4, chapter 1](#), or leave blank.

27.153.3.7. Enter the activity address code (ship-to SRAN) for the ship-to account in positions 32-37, or leave blank.

NOTE:

If any of the data does not apply to a specific REX or SEX code, leave it blank. If the input does not meet the edits, the input will reject.

27.154. Changing the Exception Phrase Record. If you need to change either a phrase or the exception notice code, input a format the same way you would load an exception phrase record, position 80 is L unload. For example, the phrase you want to change is for exception code A and it reads DO NOT ISSUE. To change it to read ISSUE ONLY QUANTITIES OF 1, you would input a load the same way you would if exception code A were not already loaded. You have to be certain that the new phrase applies to the item records having the same code that appeared under the old phrase. **NOTE:** You must complete all fields or the input will be rejected.

27.155. Deleting the Exception Phrase Record.

27.155.1. Clear Before Deletion. Delete the exception phrase record only after the exception codes have been deleted from all item records.

27.155.2. Codes. To delete an exception phrase record, the following fields of the input must be punched or entered through a terminal as indicated.

27.155.2.1. Transaction identification code. Enter FXR (positions 1-3).

27.155.2.2. Exception code. Enter the exception code.

27.155.2.3. Exception flag. Enter the exception flag that is no longer applicable: E for excess, I for issue, R for requisitioning, and S for shipping.

27.155.3. Action code. This code must always be D for delete inputs.

27.156. Loading and Deleting the Type Cargo Phrase. The authorized type cargo phrases are outlined in [Attachment 27R-4](#). Codes listed as not assigned will be deleted (D in position 8 of the CPH load input). When a delete input is processed, the load program (NGV290) places the phrase S050 MGT NO PHRASE in the appropriate record positions in place of an abbreviated phrase message. Local assignment of type cargo phrase records is not authorized.

Section 27S—ROUTING IDENTIFIER RECORDS (FRI).

27.157. Overview.

27.157.1. Section Summary. This section defines and explains the use of routing identifier records. It also discusses how routing identifier records are loaded, changed, deleted and updated. Finally, the section tells how to monitor exception status codes.

27.157.2. Definition of Routing Identifier Records. Routing identifier records are used by the computer to accumulate the data required to compute order and shipping time (O&ST). These records also contain management data that help local managers determine if given supply sources are quickly and efficiently processing their requisitions.

27.158. Maintaining Routing Identifier Records.

27.158.1. Purpose. Routing identifier records must be maintained for each routing identifier code that is used by system designators 01 and A1 through A9. For system designators B0 through C9, routing identifier records are not required. All data pertaining to system designators B0 through C9 will be reflected on the system designator 01 routing identifier record.

27.158.2. Routing Identifier Records with No Transactions. During end-of-year Q05 processing, routing identifier records with no transactions during the year should be considered for deletion. Records Maintenance must check that no item records or requisition override records contain the routing identifier code that is to be deleted. Only when that check is done may Records Maintenance delete the routing identifier record.

27.159. Loading Routing Identifier Records.

27.159.1. AF Forms 1991 and 1530. Records Maintenance will prepare two copies of AF Form 1991 or 1530 (as outlined in [Attachment 27S-1](#)). If the Records Maintenance terminal is used for input, only one copy of the AF Form 1991 or 1530 is required.

27.159.2. Specific Loading Instructions. To load routing identifier records, follow these steps:

27.159.2.1. The transaction identification code (TRIC) must be FRI.

27.159.2.2. Routing identifier codes must be authorized. See [volume 1, part 4, chapter 1, attachment 3](#), for a list of authorized codes. Routing identifiers FPH, JCA, JCK, and JCD are not authorized.

27.159.2.3. System designators must be 01 or A1 through A9, or an 068 reject notice will be produced.

27.159.2.4. Pipeline time format (PTC) flag, if used, must be P or asterisk (*) or an F101 management notice will be produced. If pipeline time formats are required, a P will be used.

27.159.2.5. Status exception code fields may be blank. If blank, status codes BB, BD, BF, BG, BH, CA, CH, CN, CP, and CS will be assigned by the computer under program control. Status codes ZA, ZE, ZF, ZG, ZH, ZJ, ZK, ZL, ZM, and ZY will be assigned under program control for routing identifiers JBB, JB1, JB3, JB4, JB5, and JB6. If status codes other than those outlined above are required, they must be entered in positions 41-60 of the input. (See chapter 18, [attachment 18C-3](#) for authorized status codes.)

27.159.2.6. Action flag must be L, C, or D, or a reject will occur.

27.159.2.7. Change-to status exception code fields are NOT required on new load inputs.

27.159.2.8. Order and shipping time (O&ST) standard is organized by priority group. The standard O&ST days are loaded automatically under program control at the time of initial load. (The standard O&ST days are defined in chapter 19, [section 19A](#).)

27.160. Changing a Routing Identifier Record.

27.160.1. AF Forms 1991 and 1530. Records Maintenance will prepare two copies of AF Form 1991 or 1530 to change a routing identifier record. (See [Attachment 27S-1](#) for more specific information about the forms.) If the Records Maintenance terminal is used for input, only one copy of the AF Form 1991 or 1530 is required.

27.160.2. Specific Instructions. To change a routing identifier record, follow these steps:

27.160.2.1. The transaction identification code (TRIC) must be FRI.

27.160.2.2. A routing identifier record must be loaded for input code or a 181 reject notice will be produced.

27.160.2.3. A routing identifier record must be loaded for the input system designator or a 181 reject notice will be produced.

27.160.2.4. Pipeline time format (PTC) flag must be P or asterisk (*) when pipeline time formats are required. To blank this field, an asterisk (*) will be used.

27.160.2.5. The status exception codes that are loaded may be changed. To change all ten status exception codes, enter the new codes in positions 41-60 of the FRI input. To change or blank a specific code, you will need to do two things: 1) enter the old code in positions 20-39 of the input,

using the same relative position in which it is loaded on the routing identifier record, and 2) enter the new code or blank the same relative positions in positions 41-60 of the input. If you elect to change or select LESS than the recommended ten status codes that were loaded at the time of initial establishment of the routing identifier record, a change input with the desired changes must be processed. **EXAMPLE:** If you desire to change CA to ZR and you want to blank CH, you would enter CA in positions 20-21, CH in positions 22-23, and ZR in positions 41-42 and blanks in positions 43-44. When changing a status code, you need not input in the same sequence used to load the routing identifier record. When a change is processed, any data already stored on these areas in the computer will be reset to zero. That is, the data changed to zero will be lost.

27.160.2.6. The action flag must be C.

27.161. Deleting a Routing Identifier Record.

27.161.1. AF Forms 1991 and 1530. Records Maintenance will prepare two copies of AF Form 1991 or 1530 (as outlined in [Attachment 27S-1](#)). If the Records Maintenance terminal is used for input, only one copy of the AF Form 1991 or 1530 is required.

27.161.2. Specific Instructions. To delete routing identifier records, follow these steps:

27.161.2.1. The transaction identification code (TRIC) must be FRI.

27.161.2.2. Enter the routing identifier code that you want to delete. A 181 reject notice will be produced if the routing identifier record is not loaded.

27.161.2.3. Enter the system designator that you want to delete. A 181 reject notice will be produced if the routing identifier record is not loaded for the system designator.

27.161.2.4. The action flag must be D.

27.162. Routing Identifier Update.

27.162.1. The routing identifier record is updated as follows:

27.162.2. Command Economic Order Quantity (EOQ) and the Command Retention Quantity. These data elements are loaded by processing the demand data (FCL) input (see chapter 19, [section 19A](#)). These data elements also are used by the requirements program (see chapter 19, [section 19F](#)).

27.162.3. Number of Requisitions Submitted by Priority Groups. These fields are updated by the requisition programs--SPR, FRC, stock and due-out requisitioning.

27.162.4. Distribution Table by Priority Group. These fields will be updated by ONE for each receipt processed, based first on priority and then on the difference between the date the item was ordered and the current requisition date on the computer.

27.162.5. Total O&ST Days by Priority Group. These fields will be updated by the receipt program based on the priority and the computed difference between the requisition date and the current requisition date. Only those receipts that fall within the 175% of the Uniform Materiel Movement and Issue Priority System (UMMIPS) standards for your location will be accumulated. (For continental United States/overseas (CONUS/overseas) standards, see chapter 19, [attachment 19A-16](#).) Those receipts that exceed 175 percent of the standard will not be included.

27.162.6. O&ST Standard by Priority Group. These fields are used by the requirements program when computing demands. These fields are updated by program Q05, Routing Identifier Listing,

when 100 or more receipts have been processed for a given priority group. These fields are updated unless the bypass flag is ON. Once the bypass flag is ON, program Q05 will print the new data for local management to review.

27.162.7. O&ST Standard for Air Investment. This field is NOT updated by the Q05. The O&ST for air investment items is computed by the Air Logistics Center (ALC) and is passed to the base by stock record account number (SRAN) by means of a DIC 7H7 input. The same rules apply to this field as for O&ST standard by priority group. The field will not be updated if bypass flag is ON.

27.162.8. Bypass Update Flag. These fields are used to suppress automatic update of the O&ST standard by priority group and air investment items when processing the Q05. If these fields are used, Stock Control must ensure that the listing is reviewed so that the computed data versus the exception data are accurate.

27.162.9. Pipeline Time. This field is not required unless the MAJCOM directs the participation in a command or USAF O&ST study.

27.162.10. Base Location Code. This code is assigned by the computer under program control at the time of load of a routing identifier record. This code is also used by the Q05 and the receipt programs to determine the proper O&ST standards.

27.162.11. On Time Status. These fields will be updated upon receipt of status for priority groups I and II requisitions when FEWER THAN 3 days have passed from the date the item was ordered and the status processing date. In addition, the on time status fields will be updated when FEWER THAN 6 days have passed between the date the item was ordered and the status processing date for priority group III requisitions.

27.162.12. Delayed Status. These fields will be updated upon receipt of status when the status processing date is 3 DAYS OR MORE from the requisition date for priority groups I and II requisitions. These fields will also be updated for priority group III requisitions when the status processing date is 6 DAYS OR MORE from the requisition date.

27.162.13. Based Initiated Cancellations. These fields will be updated when processing an external request for due-in cancellation by way of a transaction exception (TEX) code E.

27.162.14. Requirements Initiated Cancellations. These fields will be updated during processing of the releveing program when requesting due-in cancellation due to excess requirements.

27.162.15. Depot Confirmed Cancellation. These fields will be updated upon receipt of BQ, B4, B6, ZF, and ZL status code in DIC AE1.

27.162.16. Depot Cancellation. These fields will be updated upon receipt of an FA, FB, FC, FJ, FR, FK, ZA, ZE, ZG, ZH, ZJ, ZK, ZM, ZR, and ZY when a due-in detail record is in the computer for the status requisition number.

27.162.17. Depot Rejects. These fields will be updated upon receipt of a CJ, CK, CL, CM, CN, CP, CQ, CS, CT, CU, CW, CX, F2, FO, FP, FU, FX, FY, FF, FM, FG, FL, FN, CV, CG, CH, CR, CA, CD, and CY when a due-in detail record is in the computer for the status requisition number.

27.162.18. Followup Submitted Without Status. These fields will be updated internally under program control during the processing of inline followup. These fields will also be updated when an externally prepared FLP or AFC is processed for which a due-in detail record exists.

27.162.19. Followup Submitted with Status. These fields will be updated internally under program control during the processing of program NGV588, Requisition Inline Followup, and program NGV598, Depot Reconciliation Followup (Q12). These fields are updated when a status detail record OTHER THAN a followup status detail record exists--for example, 99, 98. Also, these fields are updated when an externally prepared FLP or AFC is processed and a status detail record other than a followup status detail record exists.

27.162.20. Number of BAO Submitted. This field will be updated when processing an AN1 reconciliation.

27.162.21. Number of Reconciliation Responses Received with BF Status. This field will be updated when processing an AE1 with BS status.

27.162.22. Number of Reconciliation Responses Received with BS Status. This field will be updated when an AP1 image is output as a result of processing the AN2 reconciliation.

27.162.23. Number of Reconciliation Responses Received with BR Status. This field will be updated for every AP1 image output when processing program GV598, Depot Reconciliation Follow-Up (Q12).

27.162.24. Status Code Exceptions. These fields will allow local management to monitor up to ten status codes. For example, if one base is monitoring a problem with BF status from a source, another base can monitor a BS status from that same source at the same time.

27.163. Monitoring Exception Status Codes. If you elect to monitor exception status codes, all the status code counter fields can be blanked at once, only during end-of-year processing using the Routing Identifier Listing, Q05. Any other time, these fields can only be blanked by processing FRI change inputs (position 40 equals C). To blank a status counter, you must enter the new status codes in positions 41-60 and in the same relative position of the status exception code field on the routing identifier record. If you elect not to monitor exception status codes when loading a new routing identifier record, you must process FRI change input to blank the exception status codes.

Section 27T—REQUESTS FOR STOCKLIST DATA.

27.164. Overview. This section describes AF Form 86 procedures. Use the AF Form 86 to request assignment of a national stock number (NSN) for items not yet in the Federal Cataloging System, and to request cataloging data actions on existing NSNs. Items registered in the Federal Cataloging System offer some or all of the following benefits: multiple sources of supply, competitive prices, increased standardization, and increased supply availability for other using activities. All AF personnel will use the AF Form 86. The AF Form 86 is for internal Air Force use only and will not be forwarded to any other service or agency.

27.165. General Request Procedures.

27.165.1. Identifying and Researching Candidate Items. Identify candidate items for an AF Form 86, according [Attachment 27T-9](#). Primary sources of candidates are SBSS management notices, such as the I104, 034, F470, F471, F473 and F474. SBSS should be regularly generating these notices for active supply accounts; investigate nonreceipt of these management notices. Research candidates to ensure appropriateness of an AF Form 86 submission. Research includes, but is not limited to: 1)

contacting users to verify expected future demand and usage/application of the item 2) obtaining required descriptive and technical information.

27.165.2. Preparation and Submission of AF Form 86. Prepare the AF Form 86 as follows:

27.165.2.1. Reason Code. Select a valid reason code, according to [Attachment 27T-9](#).

27.165.2.2. Federal Supply Class. Research the item using D043, FEDLOG, Customer Assistance Handbook, and/or Cataloging Handbooks H2-1, H2-2, and H2-3.

27.165.2.3. Materiel Management Aggregation Code (MMAC). Assign a MMAC. For items classified in FSG 14, 15, and 18 and FSC 2810, 2840, 2845, 4935, and 4960, assign a MMAC according to the directions in [volume 1, part 2, chapter 2, attachment 2](#).

27.165.2.4. AF Form 86 Recipient. In general, submit AF Forms 86 to the AFMC Cataloging and Standardization Center (AFMC LSO/LGIS). Use the FSC/MMAC and [Attachment 27T-10](#) to determine the AF Form 86 recipient.

27.165.2.5. AF Form 86 Preparation. Prepare and submit the AF Form 86 to AFMC LSO/LGIS using the D143C data system whenever possible. See [Attachment 27T-8](#) for D143C usage instructions. AFMC LSO/LGIS and the ALCs use D143C for processing and tracking all AF Form 86 requests. Hard copy (long) AF Forms 86 must be submitted to activities other than AFMC LSO/LGIS (see [Attachment 27T-10](#)). (See [Attachment 27T-5](#) for preparation instructions.)

NOTE:

An automated AF Form 86 (a mechanical AF Form 86 prepared using SBSS-generated screens) is available, but use is discouraged.

27.165.2.6. Mail or FAX any additional technical data required to justify the request. AFMC LSO/LGIS address is: AFMC LSO/LGIS, Federal Center, 74 North Washington Ave N, Suite 8, Battle Creek MI 49017-3094. FAX to DSN 932-7396 or commercial (616) 961-7396. Examples of additional data include technical order (TO) numbers with figure and index, drawings, brochures, catalogs, or other identifying material. **NOTE:** When using the hard copy AF Form 86, attach and mail the technical data with the hard copy AF Form 86.

27.165.2.7. General Process. Typically, the AF Form 86 is forwarded to AFMC LSO/LGIS. AFMC LSO/LGIS will review the request and forward it to the responsible AF cataloging activity, typically an item manager (IM) or equipment specialist (ES) at an AFMC Air Logistics Center (ALC). If the item's Integrated Materiel Manager (IMM) is non Air Force (for example, Defense Logistics Agency, General Services Administration, or another military service), the Air Force IM or ES will first review the request. If approved, the IM or ES will prepare a supply support request (SSR) and submit the SSR to the other agency for review and consideration. **NOTE:** An AF Form 86 initiated by a field or base activity is only a request. Final authority for approval is the IMM/cataloging activity with management responsibility for the end article/weapons system or Federal Supply Class involved.

27.165.2.8. Status/Completion Codes. D143C allows you at any time to determine the location and status of your request on-line (see [Attachment 27T-6](#)). AFMC LSO/LGIS and the ALCs use D143C for processing your AF Form 86 request. You should also receive an ADRSSBBS messages when status changes.

27.166. Exceptions to AF Form 86 Submissions. Most procedural exceptions are noted in [Attachment 27T-5](#), [Attachment 27T-9](#), and [Attachment 27T-10](#).

27.167. Submitting Data Requests. There are four ways to submit a request for cataloging data. You may submit a standard AF Form 86, use the mechanical (short) AF Form 86, use the automated (short/long) AF Form 86, or use the direct dial-up to the D143C system.

27.168. Mechanized (Short) AF Form 86.

27.168.1. Definition and Formats. The mechanized AF Form 86 is a data systems input which is prepared according to this paragraph and submitted via the automated data reports submission system (ADRSS/ADRSS II) ADRSS to the D143C system at Wright-Patterson AFB located in Dayton, Ohio. AFMC LSO/LGIS will access D143C online to review the requests. [Attachment 27T-7](#) provides the instructions for preparing the ADRSS header card. The mechanized format is prepared according to [Attachment 27T-1](#), [Attachment 27T-2](#), and [Attachment 27T-3](#). Use the short AF Form 86 when the following occurs:

27.168.1.1. The I104 management notice is against a P number and the part number has fewer than 33 positions.

27.168.1.2. You receive an 034 management notice as a result of processing a stock list change input received through SNUD with phrase code N (Disposal) or source of supply code JCD (Delete) and a requirement for the item exists.

27.168.1.3. BVD 3, 5, 6, or 8 inputs are received through SNUD which indicates that the NSN is inactive or not an Air Force interest item.

27.168.1.4. Indicative data changes are received through SNUD (acquisition advice code, unit of issue) which are suspected to be incorrect. When ERRCDs are suspected to be incorrect, the procedures outlined in paragraph 166 must be used.

27.168.2. File Management. When you prepare the mechanized AF Form 86, duplicate all inputs and place them in an active file in control number sequence. A base may duplicate an extra copy of the inputs and maintain a separate file in national item identification number (NIIN) sequence. The base can then use this file along with the control log to check previous submissions, etc. All response inputs (TRIC BBS) will be filed behind the original inputs. When you receive the AFMC completion input, record the date received and pull all the inputs from the active file and transfer them to the completed file.

27.168.3. Reviews. Semiannually, the file control log will be reviewed and all completed requests over 90 days will be destroyed. The completion date (that is, the date the completion card was received) will be used to determine the age criteria. **NOTE:** The extra file in NIIN sequence can be sorted in control number sequence and purged at this time.

27.169. Short AF Form 86 Followup.

27.169.1. Notification. The D143C system located at WPAFB is the system which directly receives all mechanized requests and generates responses to the initiating base for both the mechanized and the hard copy requests. This system for processing catalog requests is used for three reasons: 1) to see if a request has been received; 2) to track the request through its processing life; and 3) to notify bases automatically of request action (including delays). The system is programmed to immediately

notify the initiator of receipt (an initial estimated completion date (ECD) will be received with acknowledgment of receipt); however, there will be approximately a two-week delay from the time the base mails the request to WPAFB and acknowledgment is received by the initiator.

27.169.1.1. Suspension. The hard copy is manually suspended in the D143C by WPAFB personnel shortly after receipt.

27.169.1.2. Tracking. The D143C will track all requests until completion and provide the initiator with automatic notification of status changes through BBS response each time the location of the request changes, each time the estimated completion date (ECD) is changed, and so on. Formats for BBS responses are contained in [Attachment 27T-4](#) and the completion codes are contained in [Attachment 27T-6](#).

27.169.2. Followup Criteria and Procedures. A response should be received from the D143C system within 30 days of submission, confirming the AF Form 86 is in suspense.

27.169.2.1. When bases have not received initial notification within 30 days of submission, they should exercise followup capability. If an unmatched response is received from the followup and catalog action is still desired, the base must initiate another transaction with a new control number.

27.169.2.2. If final action is not received within 45 days subsequent to the estimated completion date (ECD), a followup should be initiated. If no final action or revised ECD is received as a result of the followup, additional followups will be submitted in 30-day increments.

27.169.2.3. If after three followups a final action or revised ECD has not been received, forward a message to HQ CASC/CC-H, Federal Center, Battle Creek MI 49017-3094, with an information copy to HQ CASC/POM. HQ CASC/POM will respond to followup requests. Be sure to include the AF Form 86 control number, the FSC or NSN, the ECD, and the dates of the three followups.

27.170. Processing the Long AF Form 86.

27.170.1. FSG and FSC Items. The hard (long) copy AF Form 86 is a written document which is mailed directly to the responsible cataloging activity. Items classified in FSG 14, 15, and 18 and FSC 2810, 2840, 2845, 4935, and 4960 will be assigned a Materiel Management Aggregation Code (MMAC) according to the directions in [volume 1, part 2, chapter 2, attachment 2](#).

27.170.2. Submission Requirements. The hard copy (long) AF Form 86 is prepared according to [volume 1, part 1, chapter 7](#), and this paragraph. [Attachment 27T-5](#) provides the required format. A hard copy must be submitted when the following conditions exist:

27.170.2.1. A part number exceeds the number of positions allowed (32 positions) in the mechanized formats (see [Attachment 27T-1](#)).

27.170.2.2. An ERRC review is submitted. (Reason code 9) **NOTE:** When submitting a reason code 9, request for ERRC review, the remarks must contain the proposed ERRC and rationale for the suggested change. If the request is for verification only, and no change to the existing ERRC is being proposed, the remarks block should reflect REQUEST VERIFICATION OF EXISTING ERRC. DO NOT submit an AF Form 86 if AFTO Form 135 has already been submitted.

27.170.2.3. Additional data are to be attached to the AF Form 86 (such as technical data, copies of TOs, and the like) to provide justification for the request.

27.170.2.4. A reason code 3 or 4 is submitted.

27.170.2.5. A base activity does not have ADRSS capability.

27.170.2.6. A request is forwarded to any cataloging activity other than the AFMC.

27.171. Processing the Automated (Short/Long) AF Form 86.

27.171.1. Preparing the automated short/long AF Form 86. The automated short/ long AF Form 86 input is initiated by calling #BZ/474, the AF Form 86 menu, and selecting the required BZ input. The image is submitted through SIFS to the D143C system at WPAFB, Ohio. The automated format is prepared according to [Attachment 27T-1](#), [27T1-Section B](#), [27T1-Section C](#), [Attachment 27T-2](#), and [Attachment 27T-3](#) using the following screens.

27.171.1.1. #BZ/474 (AF Form 86 menu) - Used to select desired BZ input.

27.171.1.2. #BZA/475 - Program 418 will use the data input on this screen to create the BZA1 and BZA2 screens (see [Attachment 27T-1](#)).

27.171.1.3. #BZA1/476 - This screen contains the data that program 418 retrieved from the BZA data input. (See [Attachment 27T-1](#) for input information.)

27.171.1.4. #BZA2/477 - This screen is automatically called by program 418 when the BZA1 screen is input. (See [Attachment 27T-1](#) for input information.)

27.171.1.5. #BZA3/487 - This screen contains the data for submitting the long AF Form 86 for reason codes 3, 4, or 9 items. (See [27T1-Section B](#), [27T1-Section C](#), [Attachment 27T-5](#), and [Attachment 27T-9](#) for input information.)

27.171.1.6. #BZA4/488 - This screen contains the optional data for the long AF Form 86. (See [27T1-Section C](#), [Attachment 27T-5](#), and [Attachment 27T-9](#) for input information.)

27.171.1.7. #BZB1/478 - See [Attachment 27T-2](#) to prepare the BZB1 image.

27.171.1.8. #BZB2/479 - See [Attachment 27T-3](#) to prepare the BZB2 image.

27.171.2. Printing and transmitting the short/long AF Form 86. Once the image is transmitted, a hard copy of the AF Form 86 is printed, and the image is sent to the 2-hr-card queue. The SIFS outbound dispatcher program will consolidate these images in a gang unique file [gang #]GV*GV418UD801 for NONDAAS routing to Battle Creek, Michigan.

27.171.3. Processing the BBS image through pseudo. See [Attachment 27T-4](#) for an explanation of AFMC responses on BBS inbound. Program 418 will output a management notice (F038) for offline action when SIFS passes the BBS image to pseudo for processing.

27.172. Canceling AF Form 86. To request a cancellation of both long and short versions of AF Form 86, use the following procedure: 1) duplicate the original AF Form 86 submitted; 2) print the word DELETE across its face; and 3) mail the duplicate to AFMC LSO/LGIS. AFMC LSO/LGIS will confirm the cancellation in a BBS response input with a completion code of Z in position 75 and the word PURGE in position 76-80.

27.173. Base-Initiated AF Form 86 Using the AF DLIS Editing And Routing System (D143C). The AF DLIS Editing and Routing System (D143C) provides the Standard Base Supply System users the capability to enter requests for cataloging directly by usage of a dial-up process (see [Attachment 27T-8](#)). This method allows you to track your request and know its status throughout the process. It will also pro-

vide a quicker response to your request because it will go to a technician for immediate action when it is entered.

Section 27U—REPARABLE ITEM MOVEMENT CONTROL SYSTEM.

27.174. Overview. The reparable item movement control system is designed to ensure that items in need of repair are sent to the nearest appropriate repair activity. It allows for documentation of all AF repair activities, including items requiring special handling (exception phrase records) and the shipping program, used for documentation of destinations for items needing repair. All of these points are covered in this section for input/output formats and special codes and data elements).

27.175. Aspects of the Control System.

27.175.1. Unserviceable Items. Instructions for disposition of XD/ND items will be forwarded to each base by AFMC on BDR/BV8 inputs through SNUD.

27.175.2. Accurate Data. Data disseminated by AFMC replaces data published in [volume 1, part 2, chapter 3](#).

27.175.3. Record Loading, Changing. The BDR or BV8 format is used to load, change, and delete the following data on repair cycle records:

27.175.3.1. Reparable destination/disposition code

27.175.3.2. Priority designator for unserviceable shipments

27.175.3.3. Mark-for for unserviceable shipments

27.175.3.4. Project number for unserviceable shipments

27.176. Base Processing of BDR/BV8 Inputs.

27.176.1. Quick Handling. BDR or BV8 inputs received from AFMC should be input to the computer as soon as received and not held up for input with other SNUD data.

27.176.2. Multiple Ship-To Account Codes. Inputs with more than one ship-to account code will generate an F006 reject notice (see chapter 7). You will need to screen these inputs against DOD 4000.25-I-SI to determine the nearest ship-to point. If the stock record account number does not appear in DOD 4000.25-I-SI, contact 2750 ABW/DMTX-2, WPAFB OH 45433 for a shipping address to determine the nearest ship-to point. If the nearest ship-to account is in positions 32-37, enter a 1 in position 77 and reprocess. If the account is in positions 38-40, enter a 2 in position 77 and reprocess. If the nearest ship-to account is in positions 44-49, enter a 3 in position 77 and reprocess.

27.177. Local Processing of BDR/BV8 Inputs.

27.177.1. Locally Prepared Inputs. Locally prepared BDR or BV8 inputs will be in the same format as inputs received from AFMC. The following is a list of four situations you might encounter and the appropriate responses:

27.177.1.1. Shipping destination loaded. If the input reparable item movement control code authorizes automatic shipment and the shipping destination record for the ship-to account is loaded, the applicable repair cycle records will be changed to reflect 1) the ship-to account code,

2) the priority designator for unserviceable shipments, 3) the mark-for information, and 4) the project number.

27.177.1.2. Shipping destination not loaded. If the input reparable item movement control code authorizes automatic shipment and the shipping destination record for the ship-to account is NOT loaded, the program will create a shell shipping destination record. It will then update the applicable repair cycle records with 1) the ship-to account code, 2) the priority designator for unserviceable shipments, 3) the mark-for information, and 4) the phrase F012 MGT COMPLETE SHELL SHIP DESTINATION RECORD FOR (SHIP-TO-SRAN) on line three. The RID/ship-to-account-code must be added to the RID/DODAAC record by input of RDC. (See [Section 27W](#), this chapter, for RDC input format.)

27.177.1.3. Automatic shipment not authorized. If the input reparable item movement control code does NOT authorize automatic shipment, the priority designator for shipments, the mark-for information, and project fields will be blanked. DSP, RPT will be stored in the reparable destination/disposition code field, depending on the input of reparable item movement control code on the applicable repair cycle records.

27.178. Non-repair Cycle Item Processing. The computer will ignore BDR or BV8 inputs for nonrepair cycle items during inline processing. Unserviceable shipments of ND items will be processed according to instructions in [volume 1, part 2, chapter 3](#), unless other special instructions apply.

27.179. Bases With Satellites. Under some conditions, reparable destination data on satellite records may not be the same as the data on the base records. For example, a reparable item may have to be returned to the support base before other disposition, or a satellite may be closer to a different ship-to point than the support base.

27.180. Updating Records.

27.180.1. Automatic Updating. When BDR or BV8 inputs are input as received from AFMC, all repair cycle records with the input stock number will be updated regardless of system designator.

27.180.2. Limiting Updating. To limit updating to certain records, BDR or BV8 inputs must have the local control code in position 78 and/or the satellite system designator in 79-80 (see [Attachment 27U-1](#)).

27.181. Reliability Improvement Warranty (RIW) Program.

27.181.1. Code G. RIMCS control code G is assigned to identify national stock numbers that are under the RIW program. The main purpose of RIMCS control code G is to ensure that all reparable assets for the stock number are shipped to the manufacturer and not repaired at base or depot.

27.181.2. Code G Processing. RIMCS control code G is pushed to the base through the SNUD system. When it is processed at base level, it will store the G in the RIW program code and REPR-ITEM-DISP-FLG of the repair cycle record. It will also set the item record RIW program flag to a 1. Code G automatically removes base repair organization code and shop code from the repair cycle record. This action will occur on all system designators for the input stock number.

27.181.3. Code G Termination. If AFMC pushes BDR or BV8 inputs to remove RIMCS control code G designation from the repair cycle and item records, FRR inputs must be prepared and used to enter the appropriate base repair organization and shop code.

Section 27V—REPAIR CYCLE RECORD UPDATE (FRR).

27.182. Overview. This section describes the use of the FRR input to load, change, delete, or inquiry indicative and quantitative data on the repair cycle record.

27.183. Loading/Content/Purpose.

27.183.1. Loading. A repair cycle record is loaded automatically any time an item record with an ERRCD of XD or XF is loaded. A separate repair cycle record is established for each eligible item record with a different stock number or system designator.

27.183.2. Content.

27.183.2.1. Repair/maintenance. The repair cycle record is a record of repair and maintenance actions taken. In most instances, updating of this material takes place under program control. This occurs automatically when items are turned in and their replacements are requested or issued.

27.183.2.2. Exception repair cycle. The exception repair cycle days field is to be used only when the requirements specified in chapter 19, [section 19A](#) are satisfied.

27.183.2.3. Designated base repair activity. The repair cycle record contains an organization and shop code for designated repair activities. This field identifies the on-base activity that is responsible for repairing the repair cycle asset. When this field is correctly loaded, all reparable turn-ins and receipts will be sent to the designated base repair activity, unless the turn-in is from the base repair activity. If an off-base centralized repair activity has been established, the procedures in chapter 21, [section 21N](#), apply and the designated base repair activity should not be loaded. The base repair activity is loaded, changed, or deleted with the FRR input. The purpose of the FRR input is to load, change, or delete exception repair cycle days and to adjust any of the repair cycle record balance fields by adding to, subtracting from, or zeroing the field. The FRR input may also be used to upgrade the designated (base) repair activity. **CAUTION:** Be careful when working with this input because any changes in the repair cycle record fields may cause releveing to occur. When an FRR input contains erroneous data, the computed demand level will be incorrect. In addition, use of zeros in the repair cycle days field will cause the repair cycle quantity portion of the demand level to become zero.

27.183.2.4. Two-level maintenance. This field is used to identify those items slated for Agile Logistics/Two-Level Maintenance requisitioning. The 2LM codes authorized are A, B, C, D, or E (see chapter 9, [section 9A](#), for specific AL/2LM procedures).

27.184. Processing of Repair Cycle Fields.

27.184.1. Record Adjustments. You can adjust the repair cycle fields by using the appropriate action code and quantity for balance fields. For all other fields, the data entered in the input is what will be reflected on the record (see [Attachment 27V-1](#) and [Attachment 27V-2](#)).

27.184.2. Editing. Prior to processing, the FRR input is internally edited to ensure it passes program edits. A reject condition in any input field will cause the entire input to be rejected. To ensure ease-of-use, the following conditions must be met.

27.184.2.1. Input from a satellite terminal must have the same system designator (positions 6-7) as the system designator assigned to the satellite.

27.184.2.2. Input action code must be A, S, or Z for any inputs affecting balance fields.

27.184.2.3. Input action quantity may not be zero or blank for action codes A or S. For action code Z, the input action quantity field will be ignored.

27.184.2.4. When the input stock number is loaded in an ISG, all records containing the same ISG number are updated for the input system designator. This applies **ONLY** to the org, shop, SRAN, project code, ship priority, NRTS-1 indicator, and 2LM fields. All other fields will update **ONLY** the repair cycle record requested in the input, based on system designator and stock number.

27.184.2.5. The inquiry option provides the flexibility to view what is currently loaded on the repair cycle record. This option can only be used in conjunction with screens #485 or #486. Also, the INQUIRY ONLY fields on screen #485 cannot be changed with the FRR input. These fields are updated by other programs and are provided for the sole purpose of displaying relevant and commonly-used repair cycle data.

27.184.3. Editing of Action Quantity Field. During processing, each action quantity field is edited as follows:

27.184.3.1. If the quantity to be added would cause decimal overflow, a 193 reject will be produced indicating the field in error.

27.184.3.2. If the quantity to be subtracted would cause a negative balance, a 193 reject will be produced indicating the field in error.

27.185. Reserved.

Section 27W—ROUTING IDENTIFIER CODE (RIC) TO DEPARTMENT OF DEFENSE ADDRESS ACTIVITY CODE (DODAAC) CONVERSION RECORD LOAD/CHANGE/DELETE.

27.186. Overview.

27.186.1. Conversion of RIC to DODAAC. This section explains how to convert a routing identifier code to a Department of Defense activity address code conversion record. The uniform methods outlined here are used to convert the SBSS RIC to the appropriate DODAAC, that is, the one used during tracer actions of the Military Standard Transportation and Movement Procedures (MILSTAMP). These procedures apply to all DOD components and participating federal agencies.

27.186.2. Aim of Conversion. This record is used to automate the manual cross-reference RIC to DODAAC file. It allows an RIC to be converted under program control to the appropriate DODAAC. This record is NOT system designator oriented.

27.187. Restrictions.

27.187.1. Multiple Routing Identifier Codes: Multiple Loading, Single Reference. The program allows multiple routing identifier codes to be loaded to a DODAAC; for example, both routing identifier codes **FHL** and **FHZ** can be LOADED to DODAAC FD2040. However, each RIC can refer to only one DODAAC. For instance, **FHZ** cannot refer to DODAAC FD2040 and DODAAC FN2040.

27.187.2. Checking of Codes. Load only those codes that are valid and actively supported by the computer support base or satellite.

27.187.3. Processes for Changing a RIC. If the RIC that refers to a specific DODAAC requires change, delete the old RIC DODAAC conversion record and load the new record correctly. For example, an **FHZ** might have to be changed to **FHS** for DODAAC FD2040. This processing is required because there is no change-to/from field for the routing identifier code. The load is not restricted to a one-for-one basis.

27.187.4. Location of RIC to DODAAC Table. The routing identifier code that is applicable to the DODAAC table may be found in DOD 4000.25-I-SI.

27.188. Mandatory Entries. The following RIC/DODAAC conversion records are required to support excess returns (FTR) to Defense Logistics Agency (DLA) storage sites:

Table 27.8. RIC/DODAAC Conversion Records.

RIC	DODAAC	RIC	DODAAC	RIC	DODAAC	RIC	DODAAC
SAS	SW3100	SBC	SW3200	SCC	SW0700	SMC	SW3500
SAE	SW3100	SBE	SW3200	SCE	SW0700	SME	SW3500
SA G	SW3100	SBG	SW3200	SCG	SW0700	SMG	SW3500
SAI	SW3100	SBI	SW3200	SCI	SW0700	SMI	SW3500
SAT	SW3100	SBT	SW3200	SCT	SW0700	SMT	SW3500
SRC	SW0400	SUC	SW3400	SNC	SW3108		
SRE	SW0400	SUE	SW3400	SNE	SW3108		
SRG	SW0400	SUG	SW3400	SNG	SW3108		
SRI	SW0400	SUI	SW3400	SNI	SW3108		
SRT	SW0400	SUT	SW3400	SNT	SW3108		

27.189. Warehouse Conversion to Supplementary Address. When you have a requisition delivered to the Decentralized Support Element (DSE) and not to Central Receiving, use the 013 record to assign the FY DODAAC to the supplementary address that is assigned to the DSE. When requisitions are to be delivered to the DSE, load a RIC to the DODAAC record by using the first three positions of the warehouse location and the DODAAC assigned to the DSE. The 013 record will provide the requisition program the capability to assign the FY DODAAC as the supplementary address. (See chapter 9 for additional information.)

Section 27X—DELIVERY DESTINATION RECORD LOAD, CHANGE, OR DELETE (1DE).

27.190. Overview.

27.190.1. Section Summary. This section describes the purpose and use of the transaction identification code (TRIC) 1DE, Delivery Destination Record Load, Change, or Delete.

27.190.2. Purpose of the Delivery Destination Record. The purpose of this input is to provide the Records Maintenance personnel with the capability to load, change, or delete a delivery destination record. This record contains stored information which the issue and due-out release programs access and then reflect in the ship-to block of the DD Form 1348-1A. Loading this record identifies the specific location for property delivery.

27.190.3. Use of the Delivery Destination Record. When the delivery destination record is used, the date of last transaction is automatically updated. This provides the Records Maintenance personnel a means of managing their records.

27.191. Processing of the 1DE Input. Delivery destination records should be loaded for all organizations and shop codes. Loading a delivery destination record for a delivery destination code should only be done when organizations have property delivered to locations other than the location of the requester.

27.192. Selection Process of the Delivery Destination Record. When an issue or due-out release is processed, the program first checks to see if it is awaiting parts (AWP) (AR/BR). If the item is AWP, then the program will select the AWP delivery destination from the organization record. (You must ensure that a delivery destination code is loaded with a delivery destination record for each AWP delivery destination on the organization record.) If it is not an AWP item, then the program will check the delivery destination (positions 4-6). If the delivery destination does not have a delivery destination record loaded, or it is blank, the program will check the organization and shop code (positions 31-35). If the organization and shop code do not have a delivery destination record loaded, then the program will check the delivery destination from the applicable organization record. If that is blank, the program will use the organization title from the applicable organization record.

27.193. Format of the Ship-To Block of The Document. The data on line one is taken from the organization cost center record. The data on lines two and three are taken from the delivery destination record (1DE).

27.194. Loading a Delivery Destination Record. Use the 1DE format ([Attachment 27X-1](#)) to load either a delivery destination for the organization code or a delivery destination to be loaded without an organization code. To load both types of destinations requires the input of two 1DEs (you cannot load both with one input). When you load either type of delivery destination, you can use positions 20 through 62 of the 1DE input for local use. For example, you can load a separate delivery destination record for equipment items and use positions 20 through 62 for the name and phone numbers of the equipment/alternate custodians. Once this is accomplished, their names and phone numbers will appear on all issue and due-out release documents.

Section 27Y—EXCEPTION CODE CONTROL (ECC) PROGRAM.

27.195. Overview. The Exception Code Control (ECC) program is used to assist the Stock Control Element with requisitioning stock numbers not subject to normal excess reporting. The program will assist in reducing the research time it takes to locate special-processing instructions for certain exception codes. This program will enable the user to enter a reason for the code, justification, cross-references for supporting documentation, and any other information desired or directed by the MAJCOM.

27.196. Purpose. This section outlines ECC procedures to be used for this program. It also discusses the hardware and software requirements, general operating instructions, and some specific menus.

27.197. References. In addition to this chapter, also see to chapter 6, attachment 6A-39.

27.198. Security. Physical hardware security will be the responsibility of the user while ECC is in operation. Security guidelines are identified in part 4, chapter 2, section 2C.

27.199. Software and Hardware Requirements.

27.199.1. Physical attributes of the personal computer (PC) are at the discretion of the user. The following is the minimum hardware/software specification for ECC.

- 27.199.1.1. 486/66 MHz Central Processing Unit
- 27.199.1.2. Minimum of 16 megabyte (MB) of random access memory
- 27.199.1.3. 35 MB available disk space
- 27.199.1.4. Super video graphics array for color display
- 27.199.1.5. Windows 95
- 27.199.1.6. Access to a Network
- 27.199.1.7. Access to World Wide Web sites

27.200. ECC Program Installation Procedures.

27.200.1. Once you have downloaded the program from the website, (<https://ceds.ssg.gunter.af.mil/login>) take the following steps to install it on your system:

- 27.200.1.1. Click the "Start" button, locate "Explorer", select the A:\drive, and double-click "Setup". This will begin the installation to your system.
- 27.200.1.2. Once the installation has been completed, download the mainframe program to the C:\ecc directory, with the name of SBSS.dat assigned to the file.
- 27.200.1.3. Once you have downloaded the file, go back to the "start" button, "programs", "exception code control", then "ECC runtime." This kicks off the program. The first box to come up will be for the "initial load" - "The ECC database must first be populated. Do you wish to perform initial loading of the ECC database? Yes/No. Answer "Yes".
- 27.200.1.4. The next box is "Print Records". It will ask, "Do you wish to print the loaded records?" If you select "Yes", then the program will send output to the printer and ask, "Do you want to view the loaded records on screen?" This also allows you to view ECC records from initial load. If you select "No" to printing records, then it only allows you to view the loaded record on screen. It gives you the number of records that have been successfully downloaded to the ECC database.

27.201. ECC Main Menu. The main menu screen displays the ECC options. This provides the user the capability to execute the various functions of the ECC microcomputer software program (see attachment 27Y-1 through attachment 27Y-12).

ATTACHMENT 27A-1

PROCESSING FLOW FOR ITEM RECORD LOADS

27A1.1. Research.

27A1.1.1. Activities without Terminals.

27A1.1.1.1. Creates ASCII files of the FIL images using CPS procedures or any other authorized personal computer program.

27A1.1.1.2. Forward the images to Computer Operations for processing.

27A1.1.1.3. Corrects reject conditions and take action on management notices from Computer Operations as necessary (see chapter 7).

27A1.1.1.4. Load SPS (formerly BCAS) with item description on DD Forms 1348-6 for local purchase assets (see [Section 27B](#)).

27A1.1.1.5. Review the next day's D04 report for evidence of completed processing. Follow up with Computer Operations on the images not processed.

27A1.1.2. Activities with Terminals.

27A1.1.2.1. Process the FIL images on the terminal.

27A1.1.2.2. Corrects reject conditions and take action on management notices as necessary (see chapter 7).

27A1.1.2.3. Load SPS (formerly BCAS) with item description on DD Forms 1348-6 for local purchase assets (see [Section 27B](#)).

ATTACHMENT 27A-2

ITEM RECORD LOAD INPUT (FIL)

27A2.1. Purpose. To establish an item, record and repair cycle record, and cost record for budget code 8 and 9 within the SBSS ADS. Budget code 8 cost record is used for MSD tracking. Budget code 9 cost record is used for Inventory Valuation by tracking the Moving Average Cost (MAC) of the inventory. ([Attachment 27A-3](#) gives definitions of the data elements.)

27A2.2. Input Restrictions. Pseudo or any terminal based upon user-ID and password.

NOTE:

When loading DLA items containing AAC J or Z, also prepare and process a BMC to load the AAC to the item record. The BMC must be prepared immediately after loading the item record (before releveing can process) so the 90 day EOQ (versus the normal 365 day) logic will be used.

27A2.3. Output. The following output images may be produced. Output SIFS control records should be set up as indicated.

Table 27A2.1. FIL Output.

TRIC	ROUTING DESTINATION
BDF	FOR SBSS-DAAS
BVA	FOR SBSS-DAAS
BVU	FOR SBSS-DAAS
ECC	FOR USER-FILE
XGF	May be created and will be forwarded to the AFEMS
	system under program control.

NOTE:

No output action document is produced.

27A2.4. Input Format and Entry Requirements (SCREEN FIL/442).

Table 27A2.2. Screen FIL/442.

POS	NO POS	FIELD DESIGNATION	REMARKS/NOTES
1-3	3	Transaction Identification Code	FIL/Notes 1, 18
4	1	Controlled Item Code	Notes 1, 18
5-6	2	Blank	
7	1	Reason Why Code	Notes 1, 18
8-22	15	Stock Number	Note 1
23-24	2	System Designator	Notes 1, 2, 18
25-26	2	Unit of Issue	Note 18
27-34	8	Blank	

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35	1	Materiel Category/Source of Supply Code	Assigned as outlined in Attachment 27A-3
36-38	3	Routing Identifier Code	Notes 2, 10, 18
39-41	3	ERRCD	Notes 3, 18
42	1	Type Stock Record Account Code	Notes 2, 11
43	1	Shelf Life Code	Note 18
44	1	Quantity Unit Pack Code	Note 18
45	1	Budget Code	Notes 2, 18, 19
46-47	2	Application Code	Notes 2, 4
48	1	Demilitarization Code	Note 18
49	1	Standard Deviation	
50	1	Precious Metal Indicator	Note 9, 18
51	1	Unsuitable Flag or Blank	Note 7
52	1	Punch Code or Blank	Note 5
53	1	Excess Exception Code	Note 8
54	1	Issue Exception Code	Note 6
55	1	Requisition Exception Code	
56	1	Shipment Exception Code	
57-88	32	Nomenclature	Notes 1, 7, 18
89	1	Local ERRCD Flag	Note 16
90-99	10	Standard/Unit Price	Note 18, 19
100-109	10	Material Cost Recovery	Note 15, 19
110-119	10	Carcass Cost	Note 15, 19
120-122	3	Manager Designator Code	Note 15, 19
123-127	5	Commercial and Government Entity (CAGE)	Notes 1, 18
128-159	32	Part Number	Notes 12, 13, 18
160-178	19	User/End Item Application	Notes 12, 14, 18
179-181	3	Terminal Notice Flag (RMT Flag)	Note 17
182-191	10	Latest Acquisition Cost (LAC)	Notes 15, 17, 19
192-201	10	Direct Allocable Cost -LAC	Note 17, 19
202-211	10	Business Overhead Cost - LAC	Note 17, 19
212-221	10	Latest Repair Cost (LRC)	Note 15, 19
222-231	10	Exchange Price	Note 15, 19
232-241	10	Unserviceable Asset Price	Note 15, 19
242-251	10	Direct Allocable Cost -LRC	Note 15, 19
252-261	10	Business Overhead Cost - LRC	Note 15, 19
262-271	10	Mark-up Price	Note 15, 19

NOTES:

1.The following information applies:

- a.If the input stock number exists in the SBSS data under another system designator, enter ONLY the controlled item code, reason why code, stock number, and system designator. The computer will extract all the other data from the existing item record.

- b.If the nomenclature of the new item record is different from the old record, enter the new nomenclature in positions 57-88 (as instructed in note 7 below).
- c.If the Commercial and Government Entity of the new item record is different from the old record, enter the new Commercial and Government Entity in positions 123-127 (as instructed in note 7 below).
- d.If input stock number contains a P in the fifth position and the part number is blank, an F037 management notice will be produced.

2.For NATO bases, the following edits/entries are mandatory:

POS	NO POS	FIELD DESIGNATION	REMARKS/NOTES
23-24	2	System Designator	MUST be 01
36-38	3	Routing Identifier Code	MUST load a valid NATO routing identifier code.
42	1	Type Stock Record Account Code	MUST be B or E
45	1	Budget Code	MUST be 1
46-47	2	Application Code	Position 46 is the application code; 47 is the NATO budget line code.

3.The following information applies:

- a.If the item is coded NF/ND, enter a three-position ERRCD and put the appropriate equipment management code in the third position. See [Section 27A](#) and [Attachment 27A-5](#) for equipment management codes.
- b.If the item is coded XB/XF/XD, then enter either the three-digit ERRCD OR the one-digit ERRC. If you use the one-digit ERRC, enter it in position 41. The computer will convert it to the three-digit ERRCD.

4.The following information applies:

- a.If the type stock record account is a K (position 42), and the materiel management code is CM or the 5th position of the stock number contains L or P, then enter N in position 46.
- b.If the type stock record account code is a K (position 42), and you do not know the application code, then enter an R in position 46.
- c.If the item record pertains to packaged aviation oil in the B account, then enter code AO (alpha).
- d.If the item record pertains to utility heating/fuel in the B account, then enter HF; otherwise, enter a locally assigned number in the B account.
- e.If none of the above apply, then enter a locally assigned code or leave blank.

5.The following information applies:

- a.If you need an exception control image, enter P. ONLY P is a valid entry--the computer will ignore all other entries.
- b.The computer will ignore P if no valid exception codes have been entered.

6.The following information applies:

- a.If the IEX is 3 or 6 and if the type stock record account code is E, then the ERRCD must be NF1.

- b.If the item is peculiar to the Services Squadron, such as athletic shoes, clothing, and equipment, then load IEX C to the item record to prevent automatic issue. When the demand is made, the Demand Processing/Individual Equipment will ensure that the request is being placed by Services Squadron activities. All other requests will be canceled according to AFR 172-1, chapter 18.
 - c.If the item pertains to fuels, type SRAN P, load IEX 8 or 9 as required.
- 7.The following information applies:
- a.If the stock number contains an L in the fifth position, enter 32-position nomenclature in positions 57-88 and the commercial and government entity in positions 123-127.
 - b.If the stock number contains a P in the fifth position, enter the 32-position nomenclature in positions 57-88 and the commercial and government entity (CAGE) or ZZZZZ in positions 123-127.
 - c.If the stock number contains other than L or P in the fifth position, use only the 32-position nomenclature (positions 57-88). The 5-position commercial and government entity (positions 123-127) will be ignored.
 - d.If the stock number contains a K in the fifth position, enter the TO number in this field.
 - e.If the item refers to fuel, enter the applicable grade code in the first three positions, followed by a blank. If the unit of issue on the item record is other than gallons, you must load a conversion factor (for example, 055 for 55-gallon drums) in positions 5-7 to allow unit of issue conversion to gallons during processing of the D05/NGV856 report. Enter an abbreviated description in positions 8-32 (as outlined in the example provided in [Attachment 27A-3](#)).
 - f.If the item is unsuitable for Air Force use, enter the five-position expiration date in positions 57-61 and enter the tasking directive in positions 62-88. Enter a U in position 51. If position 51 is equal to U and positions 57-61 are not numeric, a 110 reject notice is generated.
- 8.CONUS bases will assign EEX A to all item records which meet all the following criteria unless another EEX applies due to major command/local requirement.
- a.Budget Code is 9 or Z.
 - b.Type Account Code is E.
 - c.FSG is not 51 or 52.
 - d.FSC is not 8345 or 9925.
 - e.IEX is not E.
 - f.Fifth position of NSN is numeric, L, or P.
- 9.Precious Metal Indicators are outlined in chapter 3.
- 10.Noncataloged items will be processed according to guidance in [Section 27B](#).
- 11.After receiving a request for an item normally managed by another stock record account, Demand Processing will perform the following actions:
- a.For Equipment and Individual Clothing Items. Handle according to the specific instructions outlined in chapters 9, 11, and 22.
 - b.For Priority 1 through 4 Item requests. Refer the requests back to the requesting organization. Return routine requests through normal distribution.

- c. For All Other Items. Verify that the item is managed by another stock record account. Numerous miscellaneous items would not be stocked by these stock record accounts, even though they fall into specific Federal Supply Groups. Annotate the request or 295 reject notice and return it to the requesting organization for submission to the correct stock record account. Process a CLEAR input on the specific reject.
12. To automatically load a part number record, fill in this field. For Short FIL, must process a 1AA manually to load the part number record. Leave blank if a part number record is not needed.
13. Enter the part number as it appears in the T.O. drawing, etc.
14. Enter any information about the user in this field (T.O., organization shop or one or multiple users, end item applicable).
15. These fields must contain valid data for depot level reparables, budget code 8 XD() items.
16. Enter a Y to identify a locally assigned ERRCD designator. Leave blank if not needed.
17. This field must contain valid data for budget code 8 (XB, XF, and XD).
18. This field is required for wholesale contractor managed item record loads.
19. If the input Budget Code is 8 or 9, FIL stores a COST RECORD. For Budget code 9, Positions 90-99 of the input are stored in the 022-FILLER-2 field and a 0 (zero) is stored in the 022-FILLER-1 field. The Standard/Unit Price (positions 90-99) is the only price required for Budget Code 9 assets.

ATTACHMENT 27A-3

DEFINITIONS OF DATA ELEMENTS FOR FIL INPUT

27A3.1. Purpose. This attachment contains definitions and special instructions for new item record load data elements. (These are listed in the order given for format and entry requirements in [Attachment 27A-2](#).)

27A3.2. Controlled Item Code (1 DIGIT-A, POSITION 4). The controlled item code identifies an item as unclassified or as pilferage, or it identifies the item's classification. All FIL inputs MUST have this code assigned. See [Attachment 27K-5](#) for codes and definitions. For an item with type stock record account code K, the munitions accountable supply officer (MASO) must ensure that the controlled item code is loaded based on current controlled item code microfiche for munitions items.

27A3.3. Internal Assign Field (3 DIGIT-N, POSITIONS 179-181). This field will be assigned by program control.

27A3.4. Reason Why Code (1 DIGIT-A, POSITION 7). The reason why code indicates the reason the item record was loaded. This information aids in researching the stock number or transaction. Reason why codes and their definitions are listed below.

Table 27A3.1. Reason Why Codes.

CODE	REASON FOR ITEM RECORD LOAD
A	Customer demand
B	Receipt (a substitute item on a requisition, command redistribution, etc.)
C	Turned in by an organization
D	Item in stock has been reidentified
E	Equipment authorization
F	Item found during inventory
G	MICAP/AWP (UJC AR) Demand
H	ISSL, initial bench stock, or supply point requirements
I	Assigned as a reason why code for all others not assigned as above
J	Unused
K	Program interface from interchangeable and substitute group (ISG) processing
L-O	Unused
P	Program interface from status processing

27A3.5. Stock Number (15 DIGIT-A/N, POSITIONS 8-22).

27A3.5.1. The stock number is assigned to each item to simplify accounting and cataloging. The first four positions of all stock numbers used within the SBSS contain the item's FSC. See Cataloging Handbook H-2 for additional information about stock number structure.

27A3.5.2. The table below shows the various types of stock numbers that may be contained on the item record or in the data input directly into the computer. Definitions and special loading instructions for each type of stock number follow the table.

Table 27A3.2. Stock Numbers.

TYPE OF STOCK NUMBER	STOCK NUMBER POSITIONS															
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	NOTES
1	1	6	1	0	0	0	1	2	3	4	4	4	4			1
2	1	5	6	0	0	0	3	3	3	1	9	8	7	L	C	2
3	5	5	1	0	0	0	1	4	4	7	6	1	1	-	1	3
4	2	6	1	0	0	0	0	5	0	0	0	5	0	-	2	4
5	1	3	1	0	0	0	0	0	1	1	0	3	3	-	9	5
6	1	5	6	0	K	0	1	9	4	8	6	8	B	F	Q	6
7	7	1	0	5	L	0	0	0	0	0	1	4	8	8	7	7
8	7	1	0	5	L	0	0	0	0	0	1	0				8
9	1	5	6	0	N	C	F	2	3	4	5	6	6	M	J	9
10	1	5	6	0	N	D	1	2	3	4	5	6	F	N	D	10
11	9	1	5	0	P	H	W	F	0	1	0	0	0	2	0	11
12	6	8	1	0	P	1	A	1	2		1	-	4	X	6	12
13	6	8	1	0	P	0	0	0	0	0	2	4	8	8	7	13
14	7	6	1	0	S	1	1	A	0	0	1					14
15	5	8	1	0	X	0	0	0	1	5	4	3	1	0	1	15

NOTES:

1. National Stock Number (NSN). This is the most common type of stock number in the SBSS. Positions 1-4 are the federal supply class (FSC). Positions 5-13 are the NIIN.
2. National Stock Number with a MMC. The MMC appears in positions 14 and 15. Adjunct records, such as dash one (-1), dash two (-2), CANNOT be assigned to item records with an MMC.
3. National Stock Number with a Locally Assigned Unit of Issue, or Dash One (-1) Stock Number. The dash one (-1) appears in positions 14 and 15. Use this format when the stock list unit of issue is too large for local use. **EXAMPLE:** Stock number 5530011717705 identifies one type of plywood with a unit of issue of package (PG), and the quantity per unit of issue is 12 sheets (SH). Therefore, the stock number for the same item, but with a local unit of issue such as sheet, would be 5530011717705-1. You may also use the dash one (-1) format when the stock list unit of issue is too small for local use. **EXAMPLE:** For compressed gases, cylinder (CY) may be used as a local unit of issue, instead of cubic feet (CF), to simplify issue and accounting. Remember to include the size of cylinder in the nomenclature field. Avoid local units of issue that would require local repackaging. Before loading an item record with a dash one (-1) stock number, you must first load an item record with the basic stock number, unit of issue, price, etc. When using a dash one number to issue oil with unit of issue quart to the base fuel station, assign IEX 4 to prevent automatic issue. **NOTE:** The dash one (-1) format cannot be used on MILSTRIP requisitions. Therefore, Stock Control must adjust the requisition quantity and correct the unit of issue before a MILSTRIP requisition can be submitted.
4. Dash Two (-2) Stock Number. Dash two (-2) stock numbers for recapped tires must be valid NSN in FSC 2530 and FSG 26. **EXCEPTION:** Do not assign dash two (-2) stock numbers to FSC 2620.
5. Dash Nine (-9) Stock Number. Dash nine (-9) item records are overflow adjunct records and are normally loaded by program control. This format may be used only with valid NSN. The unit of issue is always MX (one thousand times the basic unit of issue).
6. TCTO Kit (K) Number Assigned by AFMC. Positions 6-7 contain the TO series; 8-12 contain the kit serial number; 13 contains the kit series; and 14-15 contain the materiel management code if applicable.
7. Nonlisted (L) Number Assigned by a Base. The L number may be assigned only to items without a part or reference number. The L appears in position 5. Positions 6-11 contain a six-digit nonsignificant serial number from the non-NSN serial control register, and 12-15 contain the stock record account code for the system designator of the item record being loaded. L and P numbers are not used when type account is equal to P (fuels).
8. Nonlisted (L) Number Assigned by a Major Command. This format is the same as a base-assigned L number (see note 7 above). However, in place of the base stock record account number in positions 12-15, enter the major command code in position 12 and leave 13 and 14 blank unless a major command management code is to be placed there.
9. Noncataloged (NC) Number Assigned by an ALC Item Manager. Pending Assignment of a National Stock Number. Upon the load of a noncataloged stock number, load a part number (TRIC 1AA) using technical order, figure, or index. Position 7 is a one-position Air Logistics Center activity code which identifies the ALC assigning the NC number. Positions 14 and 15

contain the materiel management code (MMC) if applicable. (See [volume 1, part 1, chapter 7, attachment A-2](#), for ALC activity codes.)

10. **Nonlisted Stock (ND) Number Assigned by an Item Manager Where No Further Recurring Demands Are Anticipated.** Upon the load of a nonlisted stock number, load a part number (TRIC 1AA) using technical order figure or index to provide more efficient means of identifying additional items that are requisitioned. (See [Attachment 27A-4](#) for part number load format.) No national stock number (NSN) is assigned. Position 13 is the single Air Logistics Center designator code, normally the middle digit of the routing identifier code. (For special weapons and crypto, see [volume 1, part 1, chapter 7, attachment 1](#).) Positions 14 and 15 contain the MMC if applicable.
11. **Hazardous Waste.** A unique SBSS item record will be used to identify hazardous waste. The item record will consist of the following elements: Stock Number (for example, 9150PHWF0100020). Positions 1-4 will contain the Federal Supply Class (FSC) of the original or parent stock number from which the waste was generated. If the original materiel does not have a stock number assigned, for example, waste water or sludge, use FSC 9999. Positions 5-7 will contain a constant PHW. The HW signifies hazardous waste. Positions 8-11 will contain the EPA hazardous waste number provided to the waste generating activity by the environmental function. Under no circumstances will Base Supply determine EPA hazardous waste numbers unless Base Supply is the generating activity. Positions 12-15 will contain the four-digit contract line number (CLIN) from the disposal contract for the specific hazardous waste. For additional information required to load hazardous waste, see chapter 21.
12. **Part (P) Numbered Item When the Part Number Is Ten Digits or Less.** The letter P is entered in position 5. The part or reference number begins in position 6 and progresses to the right. Part numbers must be structured according to [volume 1, part 1, chapter 7](#). If the part number duplicates a part number already loaded, use a P serialized number (see note 12). If the stock number contains a P in the fifth position, enter the CAGE or ZZZZZ in positions 123-127. Do NOT use the part number when a valid NIIN has been assigned to the item. For more information about part-numbered items, see [Section 27B](#).
13. **P Serialized Numbered Item When the Part Number Exceeds Ten Digits or Duplicates an Existing Part Number.** Positions 6-11 contain a base-assigned serial number from the non-NSN serial control register. Positions 12-15 contain the stock record account code for the system designator of the item record being loaded.
14. **Dependent School(s) Stock Number.** Cataloged items in this category are published in Dependents Schools Standard Nomenclature List (DSSNL) of Items Used by Overseas Dependents Schools. Position 5 of the stock number is always S. Position 6 designates grade level: 1 is used for grade levels 1 through 8, and 2 for grade levels 9 through 12. Position 7 is a number identifying the SNL group. Position 8 is an alpha character identifying the subject matter. Positions 9-11 contain the item identification number.
15. **Special Tools/Test Equipment (X) number assigned by AFMC repair activities.** This format is the same as a base-assigned L number (see note 7 above) however X appears in position 5. Positions 6-11 contain a six-digit nonsignificant serial number from the non-NSN serial control register, and 12-15 contain the stock record account code for the repair activity of the item record being loaded.

27A3.6. Reserved For Future Use.

27A3.7. Reserved For Future Use.

27A3.8. Reserved For Future Use.

27A3.9. Reserved For Future Use.

27A3.10. System Designator (2 DIGIT-A/N, POSITIONS 23-24).

27A3.10.1. The input system designator must be loaded in the base constants-1 record. (See part 4, chapter 6, and the ADPE Unit supervisor.)

27A3.10.2. Assign system designator 01 or A1 through A9 to all item records loaded with type stock record account code K.

27A3.11. Unit of Issue (2 DIGIT-A, POSITIONS 25-26). The unit of issue is a two-letter abbreviation that indicates the minimum quantity of an item that may be requisitioned, received, stored, shipped or issued. These abbreviations are included in stock lists under the heading UNIT OF ISSUE. Authorized codes are listed in Introduction to Consolidated Management List (C-ML-AF). You may assign local units of issue using the dash one (-1) stock number format (as described in note 3 above under Stock Numbers).

27A3.12. Unit Price (10 DIGIT-N, POSITIONS 90-99). The unit price is the cost of one unit of issue of an item. The unit price is stated in dollars and cents for all items. **EXCEPTION:** Fuels account items reflect dollars, cents, and mills (a mill is less than one cent). If the actual unit price is less than one cent, you must use 0000000001 (nine zeros) in this system. Also, if the actual unit price is one million dollars or more, you must use actual unit price. The unit price from a FIL input is also stored on the 022 FILLER - 2 field for budget code 9 stock numbers. For MAP assets the unit price is 0000000000 (ten zeros).

27A3.13. Materiel Category/Source of Supply Code/Stockage Priority Code (SPC) (1 DIGIT-A, POSITION 35).

27A3.13.1. If the type stock record account code is P (fuels), this code must be A, G, or L. (See [Attachment 27B-7](#) for the correct code for each stock number.)

27A3.13.2. If the type stock record account code is E (equipment), this code will be E or blank. An E will prevent automatic due-out release of the item. Stock Control or Equipment Management will tell Research when to use an E.

27A3.13.3. If the type stock record account code is other than P or E and the ERRCD is XD or XF, assign a maintenance priority code 4.

27A3.13.4. If the item is EOQ and the provisioning source code is P2, X1, X2, and XB, assign SPC E. (See [Attachment 27B-6](#) for definitions of provisioning source codes.)

27A3.13.5. If none of the above apply and the ERRCD is not XD or XF, the computer will assign SPC 5.

27A3.14. Type Stock Record Account Code (1 DIGIT-A, POSITION 42).

27A3.14.1. The type stock record account code identifies which type of management, activity, or organization the stock record account is assigned to (for example, B for the base supplies manager, E

for the equipment manager, etc.). This code is in the second position of the SRAN. See [volume 1, part 2, chapter 1](#) for procedures to establish the SRAN.

27A3.14.2. Program control will assign B or E (B for items coded expendable and E for items coded nonexpendable) to the item record if the code on a FIL input is B, E, or blank. (This code must be entered on FIL inputs for item records with other than B or E account; for example, enter P for fuels account.)

27A3.15. Shelf Life Code (1 DIGIT-N, POSITION 43). When available, the shelf life code should be loaded with this input. If you leave this input code blank, 0 will be internally assigned.

27A3.16. Quantity Unit Pack Code (1 DIGIT-A/N, POSITION 44).

27A3.16.1. The quantity unit pack code (QUP) indicates the number of units normally contained in the packaging container. The table below lists the QUP codes for the unit pack quantities. This table is stored in the SBSS database as part of the Quantity Unit Pack Conversion Record and is used by internal programs to automatically convert the one-digit QUP code to the three-digit unit pack quantity. To load this table, use a File Miscellaneous Data Change trigger input and follow directions given in [Section 27E](#). The table should be loaded only when directed to do so by HQ SSG.

27A3.16.2. Initial item loads must contain the QUP listed in appropriate stock lists. The SNUD will automatically provide followup corrections and updates. DO NOT change the QUP from those provided through SNUD unless approved by the major command and the AFMC IM. **EXCEPTION:** This policy does not apply to items coded local purchase.

27A3.16.3. If an item has a unit pack quantity not listed in the table below, use the code identifying the quantity nearest to that of the item's unit pack quantity. For example, if an item's unit of issue is gallons and if the item's normal container is 55 gallons in a drum, the QUP is M. However, if the item's unit of issue is drum, the QUP is 1. When the QUP code is not entered on the input, a 1 is internally assigned.

Table 27A3.3. QUP Code.

QUP CODE	UNIT PACK QUANTITY	QUP CODE	UNIT PACK QUANTITY
0	Multiple (Recognized	H	025
	by application	I	Unused
	programs as 001)	J	032
1	001	K	036
2	002	L	048
3	003	M	050
4	004	N	072
5	005	O	Unused
6	006	P	075
7	007	Q	100
8	008	R	120
9	009	S	144
A	010	T	200
B	012	U	250
C	015	V	500

D	016	W	1000
E	018	X	001
F	020	Y	001
G	024	Z	001

27A3.17. Budget Code (1 DIGIT-A/N, POSITION 45).

27A3.17.1. See chapter 7, [attachment 7B-1](#), reject 100 for ERRCD budget code/ source of supply compatibility, except for local manufacture, which is explained below.

27A3.17.2. If the routing identifier code is JBD, JBE, or JBT, assign the ERRCD and budget code as follows:

27A3.17.3. Stock Listed Items. Assign the ERRCD shown in the stock list and/or the Stock Number User Directory (SNUD). In this case, consider NC and ND numbers stock listed.

27A3.17.3.1. Assign budget code 9 to ERRCD XB/XF items and to NF(x) items with a unit cost of LESS than \$100,000.

27A3.17.3.2. Assign budget code Z to NF(x) items with a unit cost of \$100,000 or MORE and which do not reflect an Air Force routing identifier code.

27A3.17.3.3. For other NF(x) and ERRCD XD/ND items, assign the alpha budget code shown in the stock list.

27A3.17.4. Nonstock Listed Items. Assign an ERRCD/budget code equal to the highest ERRCD applicable to any component of the manufactured items. If ERRCD XD(x) is assigned, the alpha budget code of the highest component will be used.

27A3.17.4.1. Assign budget code 9 to supply items with type stock record account code B, when ERRCD XB/XF has been assigned.

27A3.17.4.2. Assign budget code 9 to equipment items with type stock record account code E, when ERRCD NF(x) has been assigned and the unit cost is LESS than \$100,000.

27A3.17.4.3. Assign budget code Z to equipment items with type stock record account code E, when ERRCD NF(x) has been assigned and the unit cost is \$100,000 or MORE, but ONLY when the routing identifier code of the highest component is not Air Force.

27A3.17.5. For other NF(x) items and all ERRCD ND(x) items, assign the alpha budget code of the highest component. However, assign the EMC based on the prime item.

27A3.18. Budget Code for Atomic Energy Detection System (AEDS) Items.

27A3.18.1. Assign budget code Z to AEDS items managed ONLY by AFTAC SBSS FB7048.

27A3.18.2. Assign budget code W if possible, otherwise any nonnumeric character other than Z to AEDS items managed in locations other than FB7048.

27A3.18.3. The stock number must be a P serialized number with 7048 in the last four positions or a P stock number; the ERRCD must be XD2; and the routing identifier code must be JBZ.

27A3.19. Demilitarization Code (1 DIGIT-A, POSITION 48). The demilitarization code identifies demilitarization requirements which the DRMO must accomplish after transfer of excess, reparable, or condemned property. (See chapter 15 for the use and meaning of these codes.) The SNUD will provide

appropriate DOD demilitarization codes. If no code is to be loaded, leave the field blank and program control will assign a code X.

27A3.20. Standard Deviation (1 DIGIT-N, POSITION 49). The standard deviation field is used to compute safety levels. This field is normally a 1. If this field is left blank on an input, program control will automatically load a 1. When this field is authorized by HQ USAF, you may load a 2 or 3.

27A3.21. Exception Codes (1 DIGIT-A/N, POSITIONS 53, 54, 55, 56). Exception codes are used to identify items which must be processed using special procedures, or to suppress automatic action until the exception condition can be reviewed. Exception codes may be assigned for excesses, issues, requisitions, and shipments. (For specific information about each type of exception code, see the following: chapter 19, [section 19A](#) and [attachment 19F-3](#) for EEX; chapter 11, [attachment 11A-9](#) for IEX; chapter 9, [attachment 9C-6](#) for REX; and chapter 15, [attachment 15A-1](#) for SEX.)

27A3.22. Nomenclature (32 DIGIT-A/N, POSITIONS 57-88).

27A3.22.1. The nomenclature field contains descriptive data of the item being loaded. If positions 57-88 contain invalid data elements (see [Attachment 27A-2](#)) the phrase NO NOMENCLATURE is automatically loaded. **CAUTION:** If position 57 is blank, the phrase NO NOMENCLATURE is automatically loaded on the item record, but NO NOTICE IS PROVIDED.

27A3.22.2. The nomenclature field will contain unique data under the following conditions:

27A3.22.2.1. For ammunition items (type stock record account code K) with an R application code (reportable), enter the DODIC/AFAC in positions 1-4.

27A3.22.2.2. For part (P) numbers and nonlisted (L) numbered items, see [Attachment 27A-2](#), note 7.

27A3.22.2.3. For fuel items, enter the applicable grade code in positions 1-3 of the nomenclature field. Enter the actual gallon conversion quantity in positions 5-7 when the unit of issue is other than gallon (GL). **EXAMPLE:** If the unit of issue is drum (DR) and there are 55 gallons to a drum, enter 055 in positions 5-7 of the nomenclature field. (See [Attachment 27B-7](#) for a list of valid grade codes and their applicable materiel category or source of supply codes.)

27A3.22.2.4. For NOCM items (materiel management code CM), program control will assign nomenclature as follows: budget code I will be NOCM-3; budget code unequal to I will be NOCM-A.

27A3.22.2.5. For field manufacture items (routing identifier codes JBD, JBE, JBI, and JBT), enter SR or SA (sample required or sample available) in the first two positions of the nomenclature field. You may enter SA when the manufacturing activity already has the drawings, sample, etc.

27A3.23. Local ERRCD Flag (1 DIGIT-A, Position 89). The local ERRCD flag identifies a locally assigned ERRC designator and indicates that correspondence has been received from or forwarded to the applicable inventory manager for corrective action.

27A3.24. Commercial and Government Entity (CAGE) (5 DIGIT-A/N, Positions 123-127). Five-position alphanumeric code. Identifies the manufacturers of an item. (See [volume 3, part 3, chapter 16](#), and handbook H4-1 for explanation and list of codes.)

27A3.25. Terminal Notice Flag (3 DIGIT-N, Positions 179-181). The terminal notice flag is a decimal number assigned to a terminal.

ATTACHMENT 27A-4

PART NUMBER DETAIL RECORD LOAD, CHANGE, OR DELETE FORMAT (1AA)

27A4.1. Purpose. To provide the format for loading, changing, or deleting a part number detail record.

27A4.2. Input Restrictions. Pseudo or any terminal based upon user-ID and password.

27A4.3. Output. No output document is produced.

27A4.4. Input Format and Entry Requirements (1AALOD/181 AND 1AACHNG/182).

Table 27A4.1. Input Format and Entry Requirements.

POS	NO POS	FIELD DESIGNATION	REMARKS
1-3	3	Transaction Identification Code	1AA
4	1	Type input Indicator	Notes 1, 5
5-36	32	Part Number	Notes 2, 5
37-51	15	Stock Number	Note 3
52-70	19	User/End Item Application	Note 4
71-72	2	System Designator	Note 5
73-77	5	Commercial and Government Entity (CAGE)	Notes 5, 6
78-109	32	Commercial and Government Entity (CAGE) Change-To/Change to Part Number	Note 7, 8

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NOTES:

1. Enter one of the following codes:

- L – Load
- P -- Part Number ONLY Change
- C – Change
- D – Delete

2. For loads, enter the part number as it appears in the T.O., drawing, etc. For changes or deletes, enter the part number as it appears in the SBSS database. For fuels items, type stock record account code P, positions 1-3 will contain the three-position product grade code (i.e., JP4, MGR, KSN, etc.). For part number only changes, type input indicator P, enter the change-from part number.
3. For loads, or part number only changes (type input indicator P), enter the stock number. For changes to this field, first process a delete input and then a new load input.
4. You may enter any information about the user in this field (T.O. number, drawing number, organization/shop, etc.). For loads, changes, or deletes, this field cannot be blank if the CAGE is all numeric. For part number only changes, type input indicator P; this field must be blank.
5. This field cannot be blank.
6. For loads, enter the CAGE as it appears in the H4-1 and/or H4-2. For changes or deletes, enter the CAGE as it appears in the SBSS database. For fuels items, type stock record account code P, this field will contain ZZZZZ.
7. For loads or deletes, leaves blank. For changes, enter the change-to CAGE.
8. For part number only changes, type input indicator P, enter the change-to part number in positions 78-109.

ATTACHMENT 27A-5

LOAD OR CHANGE EQUIPMENT MANAGEMENT CODES (EMC)

27A5.1. Purpose. To help you assign or change EMC on item records.

27A5.2. Code Assignments.

27A5.2.1. Item Record Loads (FIL) for National Stock Numbers (NSN).

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Table 27A5.1. Load Or Change Equipment Management Codes (EMC).

CODE	ITEMS
EMC 5	All vehicles identified by registration or serial number
EMC 4	All other centrally procured (CP) items (PSC 5)
EMC 3	All base funded (BF) items not assigned EMC 1
EMC 1	All base funded NSNs assigned EMC 1 and all locally assigned (L or P) stock numbers, unless the item appears below

27A5.2.2. EMC 1 and 2 National Stock Number Items. EMC 1 and EMC 2 national stock number items may be changed; however, they are system designator-oriented and will, therefore, require the use of a valid system designator.

27A5.2.3. Item Record Loads for EAID Substitutes. For item records loaded as EAID substitutes, assign the EMC code based on the prime item. In these cases, the Research Unit will coordinate the assignment of the EMC with the EMS.

27A5.2.4. EMC Challenge. Any AFEMS (C001) user can challenge the EMC assignment by inputting into the AFEMS (C001) the EMC change request (IREC) on-line transaction. The AFEMS (C001) will send an E-Mail message to HQ AFMC through the initiator's parent major command to review and validate an EMC challenge request. An additional E-mail notice will be provided to the initiator and evaluator advising them of the final disposition. AF Form 86 will not be used to challenge EMC codes. If notified by the initiator, Records Maintenance will load an asterisk (*) in the first position of the item record nomenclature field (NF2/ND2 only). Indicative data will remain the same. When you receive verification of the management data, process an indicative data change if required and notify EMS.

NOTE:

If position 7 is NOT a 1, and position 52 is equal to S or U of the BVE/BV4, then the asterisk (*) will be removed during SNUD processing.

27A5.2.5. Items that Cannot Be Assigned EMC 1. Do not assign EMC 1 to items in the following categories:

27A5.2.5.1. Classified items with controlled item code C.

27A5.2.5.2. Firearms.

27A5.2.5.3. Investment item budget code Z (3080).

27A5.2.5.4. Medical equipment locally purchased and/or assigned L or P stock numbers.

27A5.2.5.5. NOCM items; that is, MMC coded CM.

27A5.2.5.6. Sensitive items with numeric controlled item code (except CIC 7).

27A5.2.5.7. Air Intelligence Agency-managed items; that is, budget code K.

27A5.2.5.8. All equipment in the following FSCs/FSGs: 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 2310 (NOTE 1), 2320 (NOTE 1), 2330 (NOTE 1), 26, 2805, 29, 3655, 3670, 49, 54 (NOTE 2), 58 (NOTE 3), 59, 6115, 65, 66, 67, 69, 70, 7830.

NOTES:

1. Vehicles in these FSCs cannot be assigned EMC1.
2. Portable buildings which are defined as a small, shed-type structure with less than 300 square feet with no permanently installed Base Civil Engineer utility hookups can be EMC 1. All others must be carried as EMC 3 on EAID records (see chapter 22, [section 22N](#)).
3. Land Mobile Radios (LMR), Cellular telephones (except STU type), Video Teleconferencing Equipment, and Facsimile Machines can be assigned EMC 1. FSCs 5810 and 5811 cannot be assigned EMC 1.

ATTACHMENT 27B-1

**ASSIGNMENT OF LOCAL EXPENDABILITY, RECOVERABILITY, REPARABILITY COST
DESIGNATORS**

27B1.1. Purpose. The following guidelines govern ERRC designator assignment to items of supply that do not appear in USAF stock lists. Estimated unit prices on noncataloged items must be as reasonable and logical as possible to ensure proper ERRC assignment.

Table 27B1.1. ERRC Designator.

POSITION OF ERRC DESIGNATOR	CODE	CONDITIONS
First	N	When the item retains its own identity when in use--that is, it is not incorporated into, installed on, or attached to another assembly AND the item is not consumed in use AND the unit price is over \$10.
First	X	When the item loses its own identity in use or is installed in, or is attached to, another assembly. Also applies when the item is consumed in use.
Second	B	When the item is not subject to repair and is consumed in use. Will always include but is not limited to items costing \$10 or less (see note 1).
Second	F	When the item is of such a composition that it is economical to repair, but not economical to return to a specialized repair activity for repair AND the capability exists within field/contract maintenance to repair (see note 2).
Second	D	When the item is subject to repair, but beyond the scope of field level maintenance, and should be returned to a depot or specialized repair activity for repair (see note 3).
Third	1	When the first two positions are XD, AND the AFMC IM has determined that the item will be managed under SCARS procedures (see note 4).
Third	2	When the first two positions are XD, AND the item is not category I (SCARS)
Third	3	When the first two positions are XF or XB (see note 4).
Third		BLANK NF and ND are assigned EMC code. See chapter 3.

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NOTES:

- 1.The item may be subject to reconditioning (painting, sharpening, cleaning, etc.). Spare parts are not available to support the item.
- 2.Normally local purchase, local manufacture, and Supply Management Activity Group (SMAG) items will be assigned repair code F.
- 3.Normally not assigned at base level (designated for depot-level repair). Would be assigned at base level for other service peculiar items.
D coded items are normally condemned at depot or specialized repair activity level, but field activities may condemn if repair cannot be accomplished and the cost to repair exceeds 75 percent of the stock list price. **EXCEPTION:** XD items with a unit cost of \$1000 or more will not be condemned at field level unless beyond total repair.
- 4.This code is not assigned at base level.

ATTACHMENT 27B-2

SAMPLE DD FORM 1348-6, NON-NSN REQUISITION

27B2.1. Sample.

Figure 27B2.1. Sample DD Form 1348-6, Non-NSN Requisition.

DOCUMENT IDENTIFIER			ROUTING IDENTIFIER			M & S	ITEM IDENTIFICATION* (NSN, FSCM, Part No., Other)																UNIT OF ISSUE		QUANTITY				DOCUMENT NUMBER							
							FSCM								PART NUMBER														REQUISITIONER							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35		
DOCUMENT NO. (Cont.)							SUPPLEMENTARY ADDRESS																FUND CODE	DISTRIBUTION CODE	PROJECT CODE	PRIORITY	REQUIRED DELIVERY DAY OF YEAR	ADVICE CODE	BLANK							
DATE						SERIAL						D M A N D	S E R V																							
36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69			
												REJECT CODE (FOR USE BY SUPPLY SOURCE ONLY)		IDENTIFICATION DATA																						
												65		66		*1. MANUFACTURER'S CODE AND PART NO. (When they exceed card columns 8 thru 22)																				
																2. MANUFACTURER'S NAME																				
3. MANUFACTURER'S CATALOG IDENTIFICATION																4. DATE (YYMMDD)				5. TECHNICAL ORDER NUMBER																
6. TECHNICAL MANUAL NUMBER																7. NAME OF ITEM REQUESTED																				
8. DESCRIPTION OF ITEM REQUESTED																								8a. COLOR												
																								8b. SIZE												
9. END ITEM APPLICATION																								9a. SOURCE OF SUPPLY												
9b. MAKE												9c. MODEL NUMBER				9d. SERIES				9e. SERIAL NUMBER																
10. REQUISITIONER (Clear text name and address)																11. REMARKS																				

DD Form 1348-6, FEB 85 Edition of Apr 77 may be used until exhausted. DOD SINGLE LINE ITEM REQUISITION SYSTEM DOCUMENT (MANUAL - LONG FORM)

ATTACHMENT 27B-3

DOCUMENT FLOW FOR DD FORM 1348-6 ON NON-NSN ITEMS

27B3.1. Requesting Activity. If the request is for a non-NSN item and is made by other than voice communication, the requesting activity will initiate the DD Form 1348-6 in four copies (copies 3 and 4 are not mandatory and may vary depending on local management) and will send this form to Demand Processing. The requesting activity must complete the form to the maximum extent possible following the procedures in part 13, chapter 3.

27B3.2. Research.

27B3.2.1. Issue Requests Submitted by Voice. For issue requests submitted by voice for items that have no NSN, prepare a DD Form 1348-6. If additional information is needed to fill the order, contact the requesting activity.

27B3.2.2. Form Completion. Complete DD Form 1348-6 according to [Attachment 27B-4](#).

27B3.2.3. FIL Input. Prepare and process FIL input if required.

27B3.2.4. Distribution of Form DD 1348-6. Distribute DD Form 1348-6 as follows:

27B3.2.4.1. Copy 1: Research.

27B3.2.4.2. Copy 2: Customer.

27B3.2.4.3. Copy 3 & 4: As locally determined when supported by SPS (formerly BCAS).

27B3.3. Stock Control.

27B3.3.1. Complete the MILSTRIP entries at the top of the DD Form 1348-6 and distribute as follows:

27B3.3.2. Copy 2.

27B3.3.2.1. If the item is not listed in an AF technical order and local purchase is not appropriate, send copy 2 to the Air Force item manager.

27B3.3.2.2. If overseas and local purchase is not appropriate, send copy 2 to the DLA center responsible for the FSC. Special instructions for overseas bases only. If the part number cannot be converted to NSN, and the source of supply is GSA, refer to chapter 9, [section 9B](#).

27B3.3.3. Copy 3. If the source is other than local purchase and central file is not maintained as outlined in chapter 14, then send copy 3 (if applicable) to Inspection for permanent filing; otherwise, destroy this copy.

27B3.4. Inspection.

27B3.4.1. NSN items is not maintained by Research, a reference file must be established and maintained to supplement published stock lists, and will be used to confirm item identification. The file will be maintained in assigned L or P stock number sequence.

27B3.4.2. Recording Changes. Stock number changes and unit of issue changes affecting non-NSN items will be recorded on the reference file to ensure its effectiveness.

27B3.4.3. Purging Deleted Items. Arrangements will be made with Research to obtain copies of applicable document registers so that items deleted from the system can be purged.

ATTACHMENT 27B-4

DD FORM 1348-6 PREPARATION FOR NON-NSN ITEMS

27B4.1. Purpose. To provide instructions to Research for completing DD Form 1348-6 on non-NSN items. [Attachment 27B-2](#) identifies the information blocks described below for DD Form 1348-6.

Table 27B4.1. NON-NSN Items.

BLOCK NO	CONTENTS
(1)	Document Identifier Code. Left blank by initiating activity. Stock Control uses this code on requisitions submitted to source of supply.
(2)	Routing Identifier Code. Left blank by initiating activity. Research will determine and enter the routing identifier code (RIC) on the lower margin on the Remarks block.
(3)	Commercial and Government Entity (CAGE) Code and Part/Stock Number. Left blank by initiating activity Stock Control will enter the CAGE code and part number If the part number exceeds ten positions or the CAGE is unknown (ZZZZZ), this block will be left blank. If an NSN is known, but the Air Force is not a recorded user, the NSN will be entered in the remarks field (block 21 below) to indicate that the Air Force is not a recorded user. For local purchase items, enter the stock number as it appears on the basic item record.
(4)	Unit of Issue. Left blank by initiating activity. Enter the proper unit of issue in the lower margin of the remarks block.
(5)	Quantity. To be completed by Stock Control from the accompanying AF Form 2005.
(6)	Manufacturer's Code and Part Number. Self-explanatory
(7)	Manufacturer. Enter the manufacturer's name and address. If more than one, enter on the reverse side of the form.
(8)	Manufacturer's Catalog and Date. If applicable, enter commercial catalog number and date which identifies this item.
(9)	Technical Order Number. Enter technical order number and figure and index.
(10)	Technical Manual Number. Enter technical manual number and figure and index.
(11)	Name of Item Requested. Self-explanatory.
(12)	<p>Description. Enter a complete description of the item. The first 19 characters are the most important for Stock Number Directory purposes. MIL-STD 12B abbreviations may be used. Also, common commercial terms should be used; that is, be realistic and use identifiable purchase descriptions. If the description is too long for both block 12 and block 21 (Remarks), use block 12 and a separate sheet and attach it.</p> <p>a. Use of off-the-shelf products. Unnecessary use of drawings/MILS specifications normally results in higher prices which may not be justifiable in view of mission requirements. Therefore, detailed drawings/blueprints or MIL standard specifications should not be used if commercial off-the-shelf products are acceptable and they cost less.</p> <p>b. Price. Include the unit price, if known, and an allowable tolerance. This data will be used by Base Contracting personnel to ensure that items with unacceptably high prices are not used. If the price is not known, enter an estimated unit price. Determine whether the customer's price estimates are reasonable by comparing them to those for similar items already loaded in the account or listed in ML's. This will ensure that proper ERRCD and budget code, as well as the proper price, is assigned (according to Attachment 27B-1).</p> <p>c. Bench/mockup set. If the form is for a bench/mockup set, list all major components and their unit prices in this field. Hazardous materiel will be identified (according to Attachment 27B-5).</p> <p>d. Commercial description. The following should be answered when writing a commercial description:</p> <ol style="list-style-type: none"> (1) What is it? Start description with a proper noun. (2) What is it made of? (paper, wood, steel, aluminum, plastic?) (3) What are the critical elements? (shape, size, color, outside diameter, height, length?) (4) What are its principal characteristics? (nontoxic, technically or chemically pure, high grade, commercial or construction grade?) (5) What does it do (or hold, drive, separate, connect)? (6) What type of work is it used in? (electrical, mechanical, plumbing?) (7) How is it used? Is it mainly used by itself, or with other items? (8) What is it used for? Indicate its use or purpose. (9) Where is it used? Is it a component part of a complete assembly. (10) Is it recoverable? Can a used item be repaired economically?

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(13)	Color. Self-explanatory.
(14)	Size. Self-explanatory.
(15-19)	End Item. Blocks 15 through 19 are data applicable to the end item. Enter end item FSC/NSN.
(20)	Requisitioner. Left blank by initiating activity. The Research Unit will enter the organization's name and proper address. EXAMPLE: 58 Supply Sq, Luke AFB AZ 85309. For DD Forms 1348-6 dated prior to April 1977, enter this information under Remarks (block 21 below). Not applicable to DD Forms 1348-6 going to local procurement.
(21)	Remarks. Enter the organization identification, initiator, and telephone number. For locally procured items, the Base Safety staff, IAW AFR 127-2, chapter 15, manages a product safety program by ensuring local purchase items meet safety requirements. Base Supply should be responsive to the Base Safety Office in assisting them with such items as, but not limited to: 1) providing access to procurement records relating to a supplier whose products have a poor safety history, or 2) passing purchase orders for a nominated range of equipment, e.g., ladders, through Base Safety Office for review where events indicate this is warranted. The using activity is responsible for identifying safety standards, constraints, or hazards. The local Safety Office may assist the organization if needed.

ATTACHMENT 27B-5

IDENTIFICATION OF LOCALLY PURCHASED HAZARDOUS MATERIEL

27B5.1. Purpose. According to Department of Defense Instruction 6050.5 and Federal Standard 313, items falling under the criteria listed below are possibly hazardous materiel and require control to make sure that life and property are safe. The BES of the Base Medical Service (BMS) must be notified with a DD Form 1348-6 when potentially hazardous materiel is being procured. The DD Form 1348-6 must be forwarded to the BES before the requisition for the materiel is submitted to Base Supply. If the DD Form 1348-6 has not been sent to the BES prior to submission to Base Supply, a copy of the DD Form 1348-6 will be sent to the BES before the requisition is sent to Base Contracting. In addition, all requisitions for potentially hazardous materiel must be identified as potentially hazardous when sent to Base Contracting. Base Contracting will then request a materiel safety data sheet for those items and forward it to the BES for filing. Items identified by BES as containing ozone depleting chemicals (ODC) require an approved waiver prior to requisitioning (see chapter 11).

NOTE:

Procedures identified above apply only if the Hazardous Material Management Program identified in AFI 32-7086 has not been established.

27B5.2. Identification. Demand Processing personnel will review all DD Forms 1348-6 to determine if the item is a first demand and meets the criteria listed below. If these criteria are met, this will be indicated with the phrase **POTENTIALLY HAZARDOUS MATERIEL** in the description block of the DD Form 1348-6.

27B5.2.1. Federal supply classes in which ALL items MUST be identified:

Table 27B5.1. Federal Supply Classes.

FEDERAL SUPPLY CLASS	TITLE
6810	Chemicals
6820	Dyes
6830	Gases: Compressed and Liquefied
6840	Pest Control Agents and Disinfectants
6850	Miscellaneous Chemical Specialties
7930	Cleaning and Polishing Compounds and Preparations
8010	Paints, Dopes, Varnishes, and Related Products
8030	Preservatives and Sealing Compounds
8040	Adhesives Group 91 - Packaged Products Only

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9110	Fuels, Solid
9130	Liquids, Propellants and Fuels, Petroleum Base
9135	Liquid Propellant Fuels and Oxidizers, Chemical Base
9140	Fuel Oils
9150	Oils and Greases: Cutting, Lubricating, and Hydraulic
9160	Miscellaneous Waxes, Oils, and Fats

27B5.2.2. Federal supply classes in which ONLY HAZARDOUS items NEED to be identified. If there is doubt as to whether a specific item is hazardous, coordinate with the base bioenvironmental engineer.

Table 27B5.2. Federal Supply Classes.

FEDERAL SUPPLY CLASS	HAZARDOUS ITEMS REQUIRING TITLE	IDENTIFICATION
1370	Pyrotechnics	Warning fuse, fire starter
1375	Demolition materials	Explosive device
1560	Airframe Structural Components	Radioactive Materials
1630	Airframe Wheel and Brake System	Items containing asbestos
2240	Locomotive & Railcar Accessories	Items containing asbestos
2520	Vehicular power	Items containing asbestos, such as transmission components
2530	Vehicular brake	Items containing asbestos, such as steering, axle, wheel, and track components
2540	Vehicular	Items containing asbestos, such as furniture and accessories
2640	Tire rebuilding and tire and tube repair materials	Only items containing flammable or toxic compounds
3433	Gas welding, heat cutting, and equipment metalizing	Compressed gases.
3439	Welding and brazing supplies	Only hazardous items such as cleaning acids, flux, and supplies that contain or produce hazardous fumes.
3610	Printing, duplicating, and bookbinding equipment	Flammable or toxic lithographic solutions
3655	Gas generating and dispensing systems, fixed or mobile	ONLY those items producing hazardous fumes
3680	Foundry machinery, related equipment and supplies	Flammable or toxic casting components
4210	Fire Fighting Equipment	Extinguishing agents, repair kits containing hazardous chemicals
4240	Safety and rescue equipment	Items that release oxygen or contain compressed or initiating charges
5330	Packing and Gasket Materials	Those items containing asbestos
5340	Miscellaneous Hardware	Strapping/sealing kits containing hazardous chemicals
5350	Abrasive Materiel	Dust producing items which may produce a hazardous waste
5430	Storage Tanks	Repair kits containing hazardous chemicals
5610	Mineral construction materials, bulk	Hazardous items such as cutback asphalt, deck and floor covering, deck and surface underlay compound, sealing compound, and flight deck compounds
5640	Wallboard, building paper, and thermal insulation materials	Asbestos cloth which has loose fibers or flying that may become airborne
5680	Miscellaneous construction equipment	Repair kits containing hazardous chemicals
5820	Radio and television communication equipment, except airborne	Circuit cooler items containing bases that are regulated as hazardous to the earth's ozone layer
5835	Sound recording and reproducing equipment	Recording tape cleaners containing hazardous cleaning fluids or packaged in pressured containers
5910	Capacitors	Items containing Poly-chlorinated-Phenyls (PCBs)
5915	Filters and networks	Items containing Poly-chlorinated-Phenyls (PCBs)
5920	Fuses and lightning arresters	Items containing radioactive materials

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5925	Circuit breakers	Items containing radioactive materials
5930	Switches	Those containing radioactive materials
5935	Connectors, electrical	Items containing flammable chemicals
5950	Coils and transformers	Items containing Poly-chlorinated-Phenyls (PCBs)
5960	Electron tubes and associated hardware	Items containing radioactive isotopes that require warning labels; magnetron tubes that require special precautions when being prepared for air shipment
5965	Headsets, handsets, microphones, and speakers	Items containing magnetic materials
5970	Electrical insulators and insulating materials	Items containing flammable solvent
5975	Electrical hardware and supplies	Items containing asbestos
5985	Antennas, wave-guide, and related equipment	Kits containing flammable chemicals
5999	Miscellaneous electrical and oxide electronic components	Contact plates containing beryllium
6135	Batteries, primary	Lead-acid, lithium, mercury, and alkaline (with electrolyte) batteries
6140	Batteries, secondary	Wet or moist items containing corrosive or other hazardous compounds
6220	Electric vehicular lights and fixtures	Items containing mercury
6230	Electric portable and hand lighting equipment	Items containing wet batteries
6240	Electric lamps	Items containing mercury
6260	Nonelectrical light fixtures	Items containing mercury
6350	Miscellaneous alarm, signal, and security detection system	Items containing wet batteries or radioactive material
6505	Drugs, biologicals, and official reagents	ONLY hazardous items as defined in paragraph 10.1.3 of Federal Standard Number 313B. Contact Base Bioenvironmental Engineering for assistance.
6508	Medicated cosmetics and toiletries	ONLY hazardous items as defined in paragraph 10.1.3 of Federal Standard Number 313B. Contact Base Bioenvironmental Engineering for assistance.
6510	Surgical dressing materials	ONLY items containing flammable solvents
6520	Dental instruments, equipment, and supplies	ONLY items containing flammable solvents, mercury, or asbestos
6525	X-ray equipment and supplies: Medical, Dental, Veterinary	ONLY items containing hazardous chemicals and solvents
6545	Replenishment Field Medical Sets, Kits, Outfits	Items containing hazardous chemicals
6550	In-Vitro Diagnostic Substances, Reagents	Items containing hazardous chemicals
6605	Navigational Instrument	Radioactive material
6625	Electrical and electronic properties measuring and testing instruments	Items containing radioactive materials
6640	Laboratory equipment and supplies	ONLY items containing flammable compounds, mercury, or asbestos
6665	Hazard-Defective Instruments	Test kits/repair kit reagents containing hazardous chemicals
6675	Drafting, Surveying & Mapping Instruments	Items with hazardous chemicals
6685	Pressure, temperature, and humidity measuring and controlling instruments	Items containing mercury or compressed gases
6740	Photographic developing and finishing equipment	Items containing radioactive compounds

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6750	Photographic supplies	Only items containing hazardous chemicals, solvents, thinners, and cements.
6780	Photographic sets, kits, and outfits	(See FSC 6750 above.)
7360	Sets, kits, and outfits: food preparation and serving equipment	Items containing compressed gases such as fire extinguishers
7510	Office supplies	Only hazardous items, such as solvents, thinners, cleaning fluids, flammable inks, and varnishes
7530	Stationary & Record Forms	Items containing hazardous chemicals or chemicals which give off gas
8405	Outerwear, men's	Maintenance kits containing flammable solvents
8410	Outerwear, Women	Those maintenance kits containing flammable solvents
8415	Clothing, special	Maintenance kits containing flammable solvents
8465	Individual equipment	Maintenance kits containing flammable solvents
8510	Perfumes, toilet preparations, and powders	Shipping containers, and pressurized containers with flammable propellants only
8520	Toilet soap, shaving preparations, and dentifrice's	(See FSC 8510 above)
8720	Fertilizers	Only items containing weed and pest control or other harmful ingredients, or those which because of their composition are hazardous
9330	Plastic Fabricated Materials	Items containing flammable or toxic materials such as isocyanates
9390	Miscellaneous fabricated nonmetallic materials	Items containing flammable solvents or asbestos
9620	Mineral, Natural Synthetic	Asbestos, mica, silica, and other hazardous chemicals
9630	Additive Metal Materials & Alloys	Various hazardous chemicals
9920	Smokers' articles and matches	Lighter fuel and matches only
9930	Memorials: cemeterial and mortuary equipment and	Items containing formaldehyde or its solutions supplies

ATTACHMENT 27B-6

RESEARCH ACTIONS FOR TECHNICAL ORDER PROVISIONING SOURCE CODES (PSC)

27B6.1. Purpose. Research actions to be taken for TO provisioning source codes are listed below.

27B6.2. Special Instructions. Definitions of provisioning source codes are **provided below and are from** TO 00-25-195, Source, Maintenance, and Recoverability Coding of Air Force Weapons, Systems, and Equipment, and also in the preface of most TOs. **NOTE:** Before taking any action described below, you must first determine if your base has partial or full depot maintenance capability. Once you have determined this capability, follow supply action required for each PSC.

Table 27B6.1. Provisioning Source Codes (PSC).

PSC	DEFINITION	SUPPLY ACTION
A	Assigned to items capable of being assembled at any level of maintenance. This code is applied to assemblies consisting of two or more parts, the majority of which are purchased or service manufactured.	Reject request--use components. Notify customer that component parts are to be requested and assembled locally. Do not procure PSC A items or load item records for them. (AF Unique Source Code)
A1	Identifies items to be assembled at AF depot activities only applied to assemblies of two or more parts, the majority which are purchased or service manufactured.	Depot level maintenance assembly. Bases may process request, load item record if applicable, and requisition item if it is not available. If depot level maintenance capability exists at base level, you may process the same as for PSC A. (AF Unique Source Code)
AD**	Item to be assembled the depot maintenance level.	If depot level maintenance capability exists, you may load item records for the component parts required to assemble this item.
AF**	Item to be assembled at the intermediate maintenance levels.	You may load and process item records for the component parts required to assemble this item. You may load and process the end item the same as "MF", load and process item records for the component parts required to assemble the item.
AG**	Item to be assembled at both afloat and ashore intermediate maintenance level.	(Navy use only)
AH**	Item to be assembled at intermediate maintenance levels.	You may load and process item records for the component parts required to assemble this item.
AO**	Item to be assembled at the organizational maintenance level.	You may load and process item records for the component parts required to assemble this item. You may load and process the end item the same as "MF", load and process item records for the component parts required to assemble the item.
D	Applies to kits available only to activities authorized to perform depot level maintenance.	If depot level maintenance capability exists at base level, you may load and process the item record. (AF Unique Source Code)
F	Identifies kits which are available to all maintenance activities authorized to perform intermediate level of repair of the end item.	Minor or field repair kit. You may load and process the item record. (AF Unique Source Code)

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PSC	DEFINITION	SUPPLY ACTION
KB*	Item included in both depot overhaul and/or repair kit and maintenance kit F and D kits).	You may load and process the item record.
KD*	An item or depot overhaul and/or repair kit and not purchased separately. (Depot kit is defined as a kit which provides items required at the time of overhaul or repair.) This code applies to items that are components of a D (depot overhaul/repair) kit.	If depot level maintenance capability exists, you may load and process the item record.
KF*	Identifies an item of a maintenance kit and not purchased separately. (Maintenance kit is defined as a kit that provides and item(s) to be replaced at organizational or intermediate levels of maintenance.)	This code applies to items that are components of an F (field) kit. You may load and process the item record.
M	Identifies insurance items which can be manufactured and installed within the capabilities of intermediate maintenance activities. All of the following must apply: a. Procurement is not justified because of low usage or peculiar storage and installation factors. Needs are to be met by local manufacturer only as required. b. Manufacture does not require tools, technical data, equipment, or skills not normally authorized at the intermediate level of maintenance. c. Requires no test equipment other than normally authorized at the intermediate level of maintenance. d. Requires no material other than that normally available in the AF inventory.	Reject request--local manufacture. Notify customer that the item is source coded M and that it requires local or field manufacture. You must assign the proper local manufacture routing identifier code to these requests. If local manufacture cannot be accomplished, assign REX code 2 so that requisitions will contain advice code 2A. (AF Unique Source Code)
M1	Identifies parts which can be manufactured at authorized depot level maintenance activities. All of the following conditions must apply: a. Procurement is not authorized because of low usage or peculiar storage and installation factors. Needs are to be met by requisitioning from the SPD or end article item manager (EAIM). b. Manufacture is beyond the capabilities of the intermediate maintenance activities. c. Manufacturer requires no tools or equipment not normally authorized at depot level maintenance facilities.	If depot level maintenance capability exists at base level, process the same as for PSC M. (AF Unique Source Code)

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PSC	DEFINITION	SUPPLY ACTION
MD**	Item to be manufactured or fabricated at the depot maintenance level.	You must assign the proper local manufacture routing identifier code to these requests. If local manufacture cannot be accomplished, assign REX code 2 so that requisitions will contain advice code 2A.
MF**	Item to be manufactured or fabricated at the intermediate maintenance level.	You must assign the proper local manufacture routing identifier code to these requests.
MG**	Item to be manufactured at both afloat and ashore intermediate maintenance levels.	(Navy use only)
MH**	Item to be manufactured at intermediate levels.	You must assign the proper local manufacture routing identifier code to these requests.
MO*	Item to be manufactured or fabricated at the organizational maintenance level.	You must assign the proper local manufacture routing identifier code to these requests.
P	Assigned to parts which may be acquired and installed by any activity within the authorized scope of maintenance. Code "P" is applied to items which have known or expected regular and frequent use. Service manufacturer is allowed for immediate support after confirming non-availability from supply sources.	Process request. These items are spares on which regular and frequent usage is anticipated or known. They may be requisitioned and installed by any level of maintenance. Take action to load item record if not already loaded. (AF Unique Source Code)
P1	Assigned to parts which may be acquired and installed by an activity within the scope of maintenance. This code is applied to parts which have known or expected regular and frequent usage. Service manufacture is believed impractical.	Process request. They may be requisitioned and installed by any level of maintenance. Take action to load item record if not already loaded. (AF Unique Source Code)
P1D	Assigned to parts which may be acquired and installed by authorized depot level maintenance activities only. Code "P1D" is applied to parts which have known or anticipated regular and frequent usage. Service manufacture is impractical.	Reject request--depot maintenance level only. If depot level maintenance capability exists at base level, process the request the same as for PSC P. (AF Unique Source Code)
P2	Assigned to insurance type items which can be installed by any activity within the scope of maintenance. It is applied to parts which have limited and infrequent usage. These parts are uneconomical and impractical to manufacture. These items are not subject to periodic replacement or frequent wear out due to equipment operation. Infrequent replacement may result from unexpected deterioration, mishandling, accidental damage, or other rare occurrences. Long service items are also included under this code.	Justification required if the customer has not provided detailed justification with the request, send the request back to the customer. If the customer HAS provided detailed justification with the request, assign REX code 5 to the item record. REX code 5 will cause output of AO5/AOE requisitions which are used to substantiate the external justification. If the item is EOQ, assign stock priority code E. If the item is repair cycle, assign a maximum level of zero. (AF Unique Source Code)
P2D	Identifies insurance items which may be installed by authorized depot level maintenance only. This code is applied to parts as described under "P2"	Reject request--depot level maintenance only. If depot level maintenance capability exists at base level, process the same as for PSC P2. (AF Unique Source Code)

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PSC	DEFINITION	SUPPLY ACTION
PA**	Item procured and stocked for anticipated or known usage.	You must try to identify items coded PA by a valid national stock number (NSN). If an item cannot be identified by a valid NSN, you may process it as a P number.
PB**	Item procured and stocked for insurance purposes. Essentiality dictates a minimum quantity be available in the supply system.	If the customer HAS NOT provided detailed justification supporting the requirement, send the request back to the customer. If the customer HAS provided detailed justification, then assign REX code 5 to the item request. REX code 5 will, cause output of AO5/AOE requisitions which are used to substantiate the external justification. If the item is EOQ, assign stockage priority code E. If the item is repair cycle, assign a maximum level of zero.
PC**	Item procured and stocked which would otherwise be coded PA, except it is deteriorate in nature.	Identify items coded PC by a valid national stock number (NSN). If an item cannot be identified by a valid NSN, you may process it as a P number.
PD	Assigned to parts which may be acquired and installed by authorized depot level maintenance activities. This code is applied to parts which have known or anticipated regular and frequent usage. Emergency service manufacture is allowed after confirming non-availability from supply sources.	Reject request--depot level maintenance only. If depot level maintenance capability exists at base level, you may load and process the item record. (AF Unique Source Code)
PD**	Support item, but not including support equipment procured for initial issue or outfittings. This item cannot be automatically replenished.	Do not procure items coded PD or load item records. Repair by replacing component parts. (AF Unique Source Code)
PE**	Support equipment (SE) procured and stocked for initial issue and spares which are designated for specified repair activities.	Do not procure replacement items coded PE, or load item records. Repair by replacing component parts.
PF*	Support equipment which will not be stocked, but will be procured on demand.	You may load item records for these items.
PG**	Item peculiar to the equipment which is procured and stocked to provide sustained support. Normally applied to an item which will prove uneconomical to reproduce after discontinuance or shut down of production facilities.	You may load item records for these requests.
U	Applied to any drawing, instruction sheet, field service drawing, or part number with no supply significance. Also includes obsolete parts which cannot be procured, stocked, or service manufacturer.	Reject request--use next higher assembly. Items coded U are not procured, manufactured, or stocked. Normally, you must requisition the next higher assembly. (AF Unique Source Code)
X	Applied to main structural part members or similar parts which, if required, would suggest extensive repair. The need of an "X" coded item (i.e. wing spares, center section structure, etc.), should normally result in recommendation to retire the article from service.	Justification requiredIf the item is required, maintenance must provide detailed justification with the request. Assign REX code 5 to the item record. If the item is EOQ, assign stockage priority code E If the item is repair cycle, assign a maximum level of zero. (AF Unique Source Code)

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PSC	DEFINITION	SUPPLY ACTION
X1	Code applies to any level of maintenance and identifies parts for which it is more feasible to obtain the next higher assembly. In some cases, this code may be used to indicate and integral part of an assembly which has no anticipated usage and was coded "M" or "MI".	Reject request--use next higher assembly (NHA). If the next higher assembly cannot be used, maintenance must provide justification with the request. Assign REX code 4 to the item record. If the item is EOQ, assign stockage priority code E. If the item is repair cycle, assign a maximum level of zero. (AF Unique Source Code)
X1D	Assigned to parts described under "X1" code but are applicable to authorized depot level maintenance activities only.	Reject request--depot level maintenance only. If depot level maintenance capability exists base level, process the same as for PSC X1. (AF Unique Source Code)
X2	Assigned to parts applicable to any level maintenance, which have no anticipated usage, and will not be procured or stocked. These items normally require no supporting spare parts and service manufacture is considered impractical. Any future requirements will be satisfied through reclamation. If unavailable, the item will be requisitioned through normal channels with supporting justification. A repeat requirement will justify an SMR code change to "P" series if considered economical to procure and stock.	The customer must provide detailed justification with the request that will substantiate one-time procurement for immediate use. Assign REX code 5. If the item is EOQ, assign stockage priority code E. If the item is repair cycle, then assign a maximum level of zero. AFMC IM is the POC for requests to change this code to P1 or P2 as applicable. (AF Unique Source Code)
X2D	Identifies parts as described under "X2", but applicable to depot level maintenance only. Repeated requirements for such parts shall justify an SMR code change as applicable. Any changes must be considered economically feasible.	Reject request--depot level maintenance only. If depot level maintenance capability exists at base level, process the request the same as for PSC X2. (AF Unique Source Code)
XA**	Item is not procured or stocked because the requirements for the item will result in replacing the next higher assembly.	Do not load item records for these requests. Advise the customer to requisition the next higher assembly.
XB**	Item is not procured or stocked. If not available through salvage, requisition through normal supply channels with supporting justification.	The customer must provide detailed justification with the request, which will substantiate one-time procurement for immediate use. Assign REX code 5 to these items. If the item is EOQ, then assign stockage priority code E. If the item is repair cycle, assign a maximum level of zero.
XC**	Assigned to installation drawings, diagrams, instruction sheets, field service drawings, etc., which are identified by a manufacturer's part number.	Item is obsolete--do not load item record. The customer must request individual parts to satisfy this requirement.
*	If an item is source coded KB, KD, or KF, and applies ONLY to repair kits, then it is not stocked separately.	If an item is source coded KB, KD, or KF and applies to BOTH repair kits and other repair or overhaul applications, then it is stocked separately in the appropriate commodity class when followed by the letter P.
**	These codes are properly identified as Joint Military Services uniform source, maintenance, and recoverability codes which will replace, on a periodic basis, the Air Force in being source codes.	You must assign the Joint Military Services SMR codes to all new Air Force weapons, systems, and equipment for which procurement is placed after 1 July 1972 for new operational requirements.

ATTACHMENT 27B-7

**AVIATION FUEL ITEMS INCLUDED IN THE BULK PETROLEUM FUELS MANAGEMENT CATEGORY, FUELS DIVISION,
AIR FORCE SUPPLY MANAGEMENT ACTIVITY GROUP (SMAG)**

27B7.1. Fuels List.

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Table 27B7.1. Fuels List.

NSN	NOMENCLATURE	GRADE CODE	MAT CODE
9130-00-111-7350	Turbine Fuel, Aviation, Grade Jet-B	JAB	A
9130-00-256-8613	Jet Fuel, Grade JP-4, Bulk, part number 39	JP4	A
9130-00-273-2380	Jet Fuel, Grade JP-4, 55 Gal Dr, 16 Gage	JP4	A
9130-00-256-8617	Jet Fuel, Grade JP-4, 55 Gal Dr, 18 Gage	JP4	A
9130-00-273-2379	Jet Fuel, Grade JP-5, Bulk, part number 40	JP5	A
9130-00-285-1294	Jet Fuel, Grade JP-5, 55 Gal Dr, 18 Gage	JP5	A
9130-00-359-2026	Turbine Fuel, Aviation, Grade Jet-A	JAA	A
9130-00-753-5026	Jet Fuel, Commercial, Type A-1, Bulk	JA1	A
9130-00-031-5816	Jet Fuel, Grade JP-8, Bulk	JP8	A
9130-00-160-1839	Aviation Gasoline, Grade 80-87, Bulk	887	A
9130-00-221-0684	Aviation Gasoline, Grade 80-87, 55 Gal Dr, 16 Gage	887	A
9130-00-240-8208	Aviation Gasoline, Grade 80-87, 55 Gal Dr, 18 Gage	887	A
9130-00-179-1122	Aviation Gasoline, Grade 100/130, Bulk	130	A
9130-00-221-0677	Aviation Gasoline, Grade 100/130, 55 Gal Dr, 16 Gage	130	A
9130-00-221-0678	Aviation Gasoline, Grade 100/130, 55 Gal Dr, 18 Gage	130	A
9130-00-179-1125	Aviation Gasoline, Grade 115/145, Bulk	145	A
9130-00-179-1127	Aviation Gasoline, Grade 115/145, 55 Gal Dr, 18 Gage	145	A
9130-00-273-2375	Aviation Gasoline, Grade 115/145, 55 Gal Dr, 16 Gage	145	A
9150-00-753-5059	Reciprocating Engine Lubricating Oil, MIL-L-22851, Type II	LA2	L
9150-00-985-7031	Turbine Engine Standard Lubricating Oil, MIL-L-6081 (Grade 1010)	LA6	L

ATTACHMENT 27B-8

**GROUND FUEL ITEMS INCLUDED IN THE BULK PETROLEUM FUELS MANAGEMENT CATEGORY, FUELS DIVISION,
AIR FORCE SUPPLY MANAGEMENT ACTIVITY GROUP (SMAG)**

27B8.1. All Ground Fuel Items are Materiel Code G.

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Table 27B8.1. Fuel.

NSN	NOMENCLATURE	GRADE CODE	PART NUMBER
9130-00-142-9457	Gas, Auto, Cmbt, Referee Type I, Bulk	MGX	07
9130-00-160-1818	Gas, Auto, Cmbt, Type I, Bulk	MG1	04
9130-00-160-1817	Gas, Auto, Cmbt, Type I, Cn 5 Gal	MG1	
9130-00-221-0680	Gas, Auto, Cmbt, Type I, 55 Gal Dr, 16 Gage	MG1	
9130-00-240-8204	Gas, Auto, Cmbt, Type I, 55 Gal Dr, 18 Gage	MG1	
9130-00-873-3895	Gas, Auto, Cmbt, Type I, 500 Gal Dr	MG1	
9130-00-160-1830	Gas, Auto, Cmbt, Type II, Bulk	MG2	05
9130-00-221-0685	Gas, Auto, Cmbt, Type II, 55 Gal Dr, 16 Gage	MG2	
9130-00-240-8201	Gas, Auto, Cmbt, Type II, 55 Gal Dr, 18 Gage	MG2	
9130-00-160-1831	Gas, Auto, Cmbt, Type II, 5 Gal Cn	MG2	
9130-01-096-3846	Gas, Auto, Cmbt, Type I, Bulk, NATO Code F-49	MG3	22
9130-00-148-7102	Gas, Auto, Special No Lead, Bulk	MUS	01
9130-00-148-7103	Gas, Auto, Regular No Lead Bulk,	MUR	02
9130-00-148-7104	Gas, Auto, Premium No Lead, Bulk	MUP	03
9130-00-240-8209	Gas, Auto, Unleaded, 55 Gal Dr, 18 Gage	MGU	
9130-00-264-4538	Gas, Auto, Premium, Bulk	MGP	09
9130-00-264-6217	Gas, Auto, Premium, 55 Gal Dr, 16 Gage	MGP	
9130-00-264-4539	Gas, Auto, Premium, 55 Gal Dr, 18 Gage	MGP	
9130-00-264-6218	Gas, Auto, Regular, Bulk	MGR	10
9130-00-264-6216	Gas, Auto, Regular, 55 Gal Dr, 16 Gage	MGR	
9130-00-264-6215	Gas, Auto, Regular, 55 Gal Dr, 18 Gage	MGR	
9130-01-090-1092	Gasohol, Automotive Special Grade, Unleaded	GUS	19
9130-01-281-5692	Turbine Fuel, Ground, DF8, Kerosene Type JP8	DF8	38
9130-12-323-2506	Gasoline, Automotive, Premium, MUG Unleaded German Grade	33	
9130-01-090-1093	Gasohol, Automotive Regular Grade, Unleaded	GUR	20
9130-01-090-1094	Gasohol, Automotive Premium Grade, Unleaded	GUP	
9130-01-272-0983	Gasoline, Automotive, Mid-grade, Unleaded, 89 Octane	MUM	30
9140-00-181-7719	Fuel Oil Low Sulfur, Bulk (Bb1)	FSL	21
9140-00-242-6748	Kerosene, Bulk	KSN	
9140-00-261-7453	Kerosene, Deodorized, 1 Gal Cn	KSD	
9140-00-242-6749	Kerosene, 5 Gal Cn	KSN	
9140-00-273-2394	Kerosene, 55 Gal Dr, 16 Gage	KSN	
9140-00-242-6751	Kerosene, 55 Gal Dr, 18 Gage	KSN	
9140-00-965-2396	Kerosene, Deodorized, 55 Gal Dr, 18 Gage	KSD	
9140-00-247-4354	Fuel Oil Burner FS6, Bulk	FS6	
9140-00-247-4360	Fuel Oil Burner FS4, Bulk	FS4	
9140-00-247-4361	Fuel Oil Burner FS4, 55 Gal Dr, 16 Gage	FS4	
9140-00-247-4358	Fuel Oil Burner FS4, 55 Gal Dr, 18 Gage	FS4	
9140-00-247-4359	Fuel Burner FS5, Bulk	FS5	
9140-00-247-4365	Fuel Oil Burner FS2, Bulk	FS2	

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9140-00-247-4362	Fuel Oil Burner FS2, 55 Gal Dr, 16 Gage	FS2	
9140-00-247-4363	Fuel Oil Burner FS2, 55 Gal Dr, 18 Gage	FS2	
9130-00-160-1837	Gas, Auto, Unleaded, Bulk	MGU	06
9130-00-221-0679	Gas, Auto, Unleaded, 55 Gal Dr, 16 Gage	MGU	
9140-00-247-4366	Fuel Oil Burner FS1, Bulk	FS1	
9140-00-247-4367	Fuel Oil Burner FS1, 55 Gal Dr, 16 Gage	FS1	
9140-00-247-4364	Fuel Oil Burner FS1, 55 Gal Dr, 18 Gage	FS1	
9140-00-273-2377	Fuel Oil Diesel (Marine), Bulk	F76	11
9140-00-255-7764	Fuel Oil Diesel (Marine), 5 Gal Cn	DFM	
9140-00-274-1912	Fuel Oil Diesel (Marine), 55 Gal Dr, 16 Gage	DFM	
9140-00-273-2378	Fuel Oil Diesel (Marine), 55 Gal Dr, 18 Gage	DFM	
9140-00-873-3902	Fuel Oil Diesel (Marine), 500 Gal Dr	DFM	
9140-00-286-5283	Fuel Oil Diesel Arctic, Bulk	DFA	12
9140-00-286-5282	Fuel Oil Diesel Arctic, 5 Gal Dr	DFA	
9140-00-286-5284	Fuel Oil Diesel Arctic, 55 Gal Dr, 16 Gage	DFA	
9140-00-286-5285	Fuel Oil Diesel Arctic, 55 Gal Dr, 18 Gage	DFA	
9140-00-286-5286	Fuel Oil Diesel Winter, Bulk	DF1	13
9140-00-286-5288	Fuel Oil Diesel Winter, 55 Gal Dr, 16 Gage	DF1	
9140-00-286-5289	Fuel Oil Diesel Winter, 55 Gal Dr, 18 Gage	DF1	
9140-00-419-0450	Fuel Oil Diesel Winter, 500 Gal Dr	DF1	
9140-00-286-5294	Fuel Oil Diesel Regular, Bulk	DF2	14
9140-00-286-5295	Fuel Oil Diesel Regular, 5 Gal Cn	DF2	
9140-00-286-5296	Fuel Oil Diesel Regular, 55 Gal Dr, 16 Gage	DF2	
9140-00-286-5297	Fuel Oil Diesel Regular, 55 Gal Dr, 18 Gage	DF2	
9140-00-256-8610	Fuel Oil, Navy Special	NSF	
9140-00-000-0185	Fuel Oil Diesel Winter, Low Sulfur, Bulk	DL1	34
9140-00-000-0184	Fuel Oil Diesel Regular, Low Sulfur, Bulk	DL2	35
9140-00-000-0186	Fuel Oil Diesel Arctic, Low Sulfur, Bulk	DLA	36

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NOTE:

DOD Manual 4140.25-M, Appendix 1-1C, and the above list are the standard authorized codes required according to the Military Standard Petroleum System (MILSPETS).

ATTACHMENT 27B-9

INSTRUCTIONS FOR QUARTERLY PART NUMBER INTERROGATION

27B9.1. QLP Routine. The following QLP routine builds a file of 1SQ images that, when processed through pseudo, creates BVUC25 interrogations which are automatically sent to AFMC by the SIFS.

```
10      @RUN 1SQ,,!GV0
20      @QLP
30      INVOKE SBSS-QLPX IN DMS*SBSS-SCHEMA
40      PURGE 1SQ
50      FORMAT 1SQ
60      'DIC' '1SQ' 1,
70      'SN' 101-STOCK-NUMBER 8
80      END FORMAT
90      BUILD SSDF FILE 1SQ ON DISK USING FORMAT 1SQ ;
95      WHERE 101-SYSTEM-DESIGNATOR = 'XX';
100     AND 101-ALPHA-CHK = 'P' ;
105     AND 222-CAGE NE ZZZZZ;
110     AND 101-STOCK-NUMBER MASKED BY *****---- NE 'XXXX'
120     EXIT
130     @FIN
```

NOTE:

In line number 10, ! equals the applicable gang number. In line number 30, x equals the applicable gang number. In line number 95, xx equals the applicable system designator. In line number 110, xxxx equals the applicable SRAN. The file name of 1SQ images for processing through pseudo will be (g)GV0*1SQ. Ensure that all parentheses, apostrophes, and semicolons are in the correct places in the above QLP routine.

ATTACHMENT 27B-10

FEDERAL SUPPLY GROUPS THAT MAY CONTAIN PRECIOUS METALS

27B10.1. Stock Group Listing.

Table 27B10.1. Stock Group Listing.

FEDERAL STOCK	DESCRIPTION GROUP
12	Fire Control Equipment
14	Guided Missiles
15	Aircraft and Airframe Structural Components
16	Aircraft Components and Accessories
17	Aircraft Launching, Landing, and Ground Handling Equipment
18	Space Vehicles
20	Ship and Marine Equipment
28	Engines, Turbines and Components
29	Engine Accessories
31	Bearings
34	Metalworking Machinery
58	Communications, Detection, and Coherent Radiation Equipment
59	Electrical and Electronic Equipment Components
61	Electric Wire and Power and Distribution Equipment
65	Medical, Dental, and Veterinary Equipment and Supplies
66	Instruments and Laboratory Equipment
67	Photographic Equipment
68	Chemicals and Chemical Products
84	Clothing, Individual Equipment, and Insignia
95	Metal Bar, Sheets, and Spares

ATTACHMENT 27C-1

RESERVED

27C1.1. Reserved For Future Use.

ATTACHMENT 27D-1

INDICATIVE DATA CHANGE (FIC)

27D1.1. Purpose. To change the following basic item record indicative data: 1) Stock Number, 2) ERRCD, 3) Routing Identifier Code, 4) Budget Code.

27D1.2. Input Restrictions. May be input at any terminal, based on the user-ID/password.

27D1.3. Output Products. Outputs. See [Section 27D](#) for merging stock numbers. (See [Attachment 27D-2](#) or [27D2-Section A](#) for output formats.)

27D1.4. Entry Requirements. Separate inputs must be prepared for the two different types of indicative data:

27D1.4.1. Routing Identifier Code, Budget Code, ERRCD changes.

27D1.4.2. Stock Number Change. Because those indicative data changes affected by FIC inputs are not system-designator oriented, all records equal to the input stock number are changed.

27D1.5. Input Format (SCREEN FIC/200).

Table 27D1.1. Input Format.

POS	NO POS	FIELD DESIGNATION	REMARKS/NOTES
1-3	3	Transaction Identification Code	FIC
4-5	2	Blank	
6	1	Force Code	Note 1
7	1	Reason Why Code	Note 2
8-22	15	Input Stock Number	Note 7
23-24	2	System Designator	Note 3
25-27	3	Change-To Routing Identifier Code	Note 4
28	1	Change-To Budget Code	Notes 3, 4
29-31	3	Change-To ERRCD	Notes 4, 5
32	1	Local ERRCD Flag	Note 6
33-47	15	Change-To Stock Number	Note 4, 7
48-80	33	Blank	

NOTES:

1. Leave blank unless used to clear 022 reject notice (see chapter 7).

2. Reason why code--change of item record stock number as a result of the following:

J -- Assigned under program control as the result of processing SNUD images.

K -- AF Form 86 action.

L -- Local purchase status.

O -- MILSTRIP status.

P -- Correction of original error.

Q -- Assigned by program control only to TTPC 2W transactions created by FIC budget code changes from V (vehicle).

R -- Directed by item manager other than through SNUD (i.e., letter or message).

Z -- Assigned externally when processing changes for chemical warfare defense equipment (CWDE) assets only. Compatibility edits always apply to changes of the RIC, budget code, and ERRCD. (This code is to be used for indicative data changes only.)

3. Use when budget code changes from 9 to Z, or Z to 9, and only a specific system designator is to be changed. Use in type stock record account code ground fuels items when the routing identifier code changes to or from S9F, JBP, NAV, or ARM and only a specific system designator is to be changed. This field cannot be blank when changing to or from EMC 1 or 2; it is not used by NAEW E-3 Component users nor AFTAC AEDS operations when changing a unique budget code (Z). A system designator is required for stock number changes on items with RIC JB(X). The system designator assigned the terminal function number must be equal to the record being processed.
4. Leave blank if no change is required on that field of the item record.
5. If an EMC is required, enter ERRCD in first two positions and EMC in last positions; that is, for an NF item to EMC 2, use NF2.
6. If ERRCD is entered in positions 29-31, then position 32 may not be blank. It must contain an N for nonlocally determined ERRCD or a Y for locally determined ERRCD.
7. Do not process a FIC on a serialized control NSN. Refer to Chapter 21, this manual, for instructions.

ATTACHMENT 27D-2

WAREHOUSE DATA CHANGE NOTICE

27D2-Section A—WAREHOUSE DATA CHANGE NOTICE.

27D2.1. Purpose. To update stock balances and warehouse locations of supplies. The program automatically produces a Warehouse Data Change Notice when it has processed an indicative data change requiring other external actions. Stock numbers change when a record balance and/or warehouse location exists. This document is not printed for national stock number changes when the change is only in the last two positions (stock number positions 14-15).

27D2.2. Output Destination. Produced on applicable warehouse terminal or Computer Operations/main system for distribution to applicable storage unit for action.

27D2.3. Input. See Indicative Data Change ([Attachment 27D-1](#)).

27D2.4. Output Format.

Table 27D2.1. Warehouse Change Data Output.

PRINT LINE	POS	FIELD DESIGNATION	SOURCES/NOTES
1	1-80	Input Image	Note 1
2	1-3	Change-From ERRCD	Item Record
	5-6	System Designator	Item Record
	8-22	Change-From Stock Number	Item Record
	25-27	Change-To ERRCD	Input
	28	Change-To Budget Code	Input
	32-46	Change-To Stock Number	Input
	50-61	WHSE CHG DOC	Program Constants
	64-77	Document Number	Program
3	1-11	Change-From Warehouse Location	Merge Only/Losing Record Note 2
	13-15	OLD	Program Constant/Merge Only, Note 2
3-4	1-11	Warehouse Location	Change-To Location on Merges
	13-15	NEW	Program Constant/Merge Only
	44-52	Transaction Date and Serial Number	
	54-65	TIME XXXX:XX	
	67-72	New (ending) Balance	
	74-79	Old (beginning) Balance	

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NOTES:

1. The shelf life code and issue exception code of the input stock number (positions 8-22) will be printed in print positions 79-80 respectively of the input image to aid warehouse personnel in updating external files when applicable.
2. When no merge takes place, the above line is not printed.

27D2-Section B—ITEM RECORD INDICATIVE DATA CHANGE (FIC) OUTPUT FORMAT (DOT MATRIX 1348-1A)

27D2.5. Purpose. To provide the auditable document for indicative data changes which require external actions: Stock number changes when an item record has a serviceable balance or a warehouse location. If the MMC (positions 14-15) of a national stock number is the only change, this document is not produced.

27D2.6. Output Destination. Warehouse terminal or Computer Operations/main system.

27D2.7. Input. See FIC input ([Attachment 27D-1](#)).

27D2.8. Output Format. This format is produced if 001-type-form-flag is equal to an a or a b.

Table 27D2.2. FIC Output Format.

LOCATION ON IRRD BLOCK	LINE	POS	MAX LENGTH	TEXT/DESCRIPTION	REMARKS/NOTES
PP (1-3)	4	1-3	3	Constant (FIC)	
15	11	79	1	Shelf Life Code	
24 Line 6	12	16-29	14	Document Number	
25 Line 2	15	16-30	15	Change from Stock Number	
25 Line 4	17	16-30	15	Change to Stock Number	
26 Line 1	21	12-14	3	Change from ERRC	
26 Line 1	21	52-54	3	Change to ERRC	
26 Line 2	22	15-25	11	Change from Warehouse Location	
26 Line 2	22	55-65	11	Change to Warehouse Location	
26 Line 3	23	10-12	3	Change from Routing Identifier	
26 Line 3	23	50-52	3	Change to Routing Identifier	
26 Line 4	24	14-19	6	Beginning Balance	
26 Line 4	24	54-59	6	Ending Balance	
26 Line 5	25	22		New Budget Code	
26 Line 5	25	26-59		*FUNCTIONAL CHECK REQUIRED* if applicable.	
27 Line 1	26	13	1	Issue Exception Code	Note 1
27 Line 1	26	17-51	35	Issue Exception Phrase	Note 1
27 Line 4	29	3-42	40	Transaction Date/Serial Number (Bar Code)	Note 2
27 Line 4	29	44-77	35	WHSE/SIGN-DATE:_____	Constant
27 Line 6	31	7-16	10	Transaction Date/Serial Number	
27 Line 6	31	44-77	35	INSPECTOR:_____	Constant

NOTES:

1. This heading is printed only if the corresponding date is printed also.
2. Bar-coded entities will appear only if 001-TYPE-DEVICE is equal to 028.

***27D2-Section C—ITEM RECORD INDICATIVE DATA CHANGE (FIC) OUTPUT FORMAT
(LASER 1348-1A)***

27D2.9. Purpose. To provide the auditable document for indicative data changes which require external actions: Stock number changes when an item record has a serviceable balance or a warehouse location. If the MMC (positions 14-15) of a national stock number is the only change, this document is not produced.

27D2.10. Output Destination. Warehouse terminal or Computer Operations/main system.

27D2.11. Input. See FIC input ([Attachment 27D-1](#)).

27D2.12. Output Format. This format is produced if 001-TYPE-DEVICE is equal to 37.

Table 27D2.3. FIC Output Format.

LOCATION ON IRRD BLOCK	LINE	POS	MAX LENGTH	TEXT/DESCRIPTION	REMARKS/NOTES
PP (1-3)	4	1-3	3	Constant (FIC)	
15	11	79	1	Shelf Life Code	
24 Line 6	12	16-29	14	Document Number	
25 Line 2	15	16-30	15	Change from Stock Number	
25 Line 4	17	16-30	15	Change to Stock Number	
26 Line 1	21	12-14	3	Change from ERRC	
26 Line 1	21	52-54	3	Change to ERRC	
26 Line 2	22	15-25	11	Change from Warehouse Location	
26 Line 2	22	55-65	1	Change to Warehouse Location	
26 Line 3	23	10-12	3	Change from Routing Identifier	
26 Line 3	23	50-52	3	Change to Routing Identifier	
26 Line 4	24	14-19	6	Beginning Balance	
26 Line 4	24	54-59	6	Ending Balance	
26 Line 5	25	22	1	New Budget Code	
26 Line 5	25	26-59		*FUNCTIONAL CHECK MAY BE REQUIRED* if applicable.	
27 Line 1	26	13	1	Issue Exception Code	Note
27 Line 1	26	17-51	35	Issue Exception Phrase	Note
27 Line 4	29	3-42	40	Transaction Date/Serial Number (Bar Code)	
27 Line 4	29	44-77	35	WHSE/SIGN-DATE:_____	Constant
27 Line 6	31	7-16	10	Transaction Date/Serial Number	
27 Line 6	31	44-77	35	INSPECTOR:_____	Constant

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NOTE:

This heading is printed only if the corresponding date is printed also.

ATTACHMENT 27D-3

DOCUMENT FLOW FOR INDICATIVE DATA CHANGE

27D3.1. Records Maintenance.

27D3.1.1. Prepare AF Forms 1991/1530 in two copies, unless the input is produced by the SBSS ADS, in which case neither this paragraph nor the next two apply.

27D3.1.1.1. File one copy in the suspense file.

27D3.1.1.2. Forward one copy to keypunch/terminal operator for input to the SBSS ADS.

27D3.2. Terminal/Distribution Operator.

27D3.2.1. Transmit via terminal or enter the input and forward to Computer Operations for processing.

27D3.2.2. Destroy the creation form.

27D3.3. Computer Operations.

27D3.3.1. SBSS ADS will update internal records and output required documents on terminal or the Computer Operations/main system.

27D3.3.2. Forward \$(BN)warehouse data change notice to Storage and Issue (see [Attachment 27D-2](#)).

27D3.4. Storage and Issue/Operational Support/Supply Point/WRM/Monitor. These activities must screen the Daily Document Register for FIC transactions and take appropriate external action based on the type of change reflected. For example, stock number changes will require re-identifying the property.

27D3.5. Document Control.

27D3.5.1. Match the action copy of the notice with the suspended document control copy.

27D3.5.2. Verify the accuracy and completeness of the transaction. If it processed properly, destroy the suspense copy and file the completed DD Form 1348-1A if required. Notify the appropriate section to initiate corrective action if erroneous processing is detected.

27D3.6. Custodian or Customer.

27D3.6.1. Custodians or customers are advised of file changes via the Daily Document Register. These changes are identified on the register by transaction identification code FIC and the type of change is reflected by appropriate type transaction phrase code and corresponding phrase (see chapter 3). Additional external actions may be required, such as:

27D3.6.2. Updating custody receipt listing.

27D3.6.3. Updating existing suspense files.

27D3.6.4. Reidentifying property due to stock number changes.

27D3.7. Records Maintenance. Use the Daily Document Register to verify correct procedures and to purge suspense files, update register and listing as required. File Daily Document Register to supplement Stock Number Directory.

27D3.8. Base Procurement. Use copy 3 of activity Y Daily Document Register to update purchasing history records. Use routing identifier code and budget code fields to determine items of interest.

27D3.9. Stock Control. Use copy 4 of activity code Y Daily Document Register to update stock number changes on ECC inputs and/or AF Form 1996.

ATTACHMENT 27D-4

SBSS ROUTING IDENTIFIER/BUDGET CODE/ERRCD COMPATIBILITY TABLE (NOTE 6)

27D4.1. FB/FE Accounts. (Note 1)

Table 27D4.1. SBSS Routing Identifier/Budget Code/ERRCD Compatibility.

ERRCD	RIC	BUDGET CODE	REMARKS/NOTES
XD1	Fxx	8, and alpha (except I, V)	Only authorized AF “F” series—routing identifier code (RIC).
XD2	Fxx	8, and alpha (except I, V, Z, or blank)	Dxx routing identifier codes may be used with FSC 5800 when associated with FX3101 scheme materiel.
XF3	Fxx	8, T, K, U, or S	
XF3	All Other	9	
XB3	Fxx	8, K, T, U, or S	
XB3	All other	9	
ND5	FxZ	Alpha, except Z	
ND4	FxZ	Alpha, except Z	
ND3	FxZ	Alpha, except Z	
NF3	FxZ	Alpha, except Z	
NF3	All other	9 or Z	Budget code 9 or Z is based on unit price (Note 1). Note 2.
NF2	All other than Fxx	9 or Z	May not have an Air Force routing identifier code. Budget code 9 or Z based on unit price (Note 1). This code is not assigned via AFMC (SNUD). Assignment is at command option to existing EMC1 only. Note 2.
NF1	All other than Fxx	9	Budget code 9 or Z based on unit price (Note 1). Note 2.

NOTES:

1. See the applicable paragraph of [Section 27D](#), for proper use of budget code Z. Budget code Z (authorized for equipment only) is assigned instead of budget code 9 when the unit price is \$100,000 or more. Since prices vary at different SBSS locales, AFMC will push items which may be either budget code 9 or Z, depending upon location. In this case, AFMC (SNUD) will push budget code asterisk (*) and program control will assign the proper budget code (9 or Z) as determined by unit price. Except as specified in this chapter, the SBSS does not change these budget codes once they have been assigned. D(xx) routing identifiers may be used with FSC 5800 when associated with FX3101 scheme materiel.
2. Budget code/ERRCD is assigned to local/depot manufacturer items as specified in this chapter.

ATTACHMENT 27E-1

RECORDS MAINTENANCE MISCELLANEOUS DATA LOAD/CHANGE (FNL)

27E1.1. Purpose. To load or change the nomenclature, shelf life code, and the demilitarization code. It also loads the quantity unit pack conversion record.

27E1.2. Input Restrictions. Any host base terminal or satellite terminal.

27E1.3. Output. Management/reject notices upon rejection of FNL input.

27E1.4. Input Format and Entry Requirements (Screen FNL/205).

Table 27E1.1. Screen FNL/205.

POS	NO POS	FIELD DESIGNATION	REMARKS/NOTES
1-3	3	Transaction Identification Code	FNL
4-7	4	Blank	
8-22	15	Stock Number	Note 1
23-54	32	Nomenclature	Notes 2 and 3
55-56	2	System Designator	Note 2
57	1	Shelf Life Code	Note 3
58	1	Quantity Unit Pack Code	Note 3
59	1	Demilitarization Code	Note 3
60-80	21	Blank	

NOTES:

- 1.If input is being used to load the quantity pack conversion table, enter LOAD QUP TABLE in positions 8-21 and leave the remaining position blank.
- 2.To change the nomenclature on only one system designator, enter the desired system designator in positions 55-56. Positions 57-59 must be blank when using this option.
- 3.Leave blank if no change is required to that field.

ATTACHMENT 27E-2

NOMENCLATURE

27E2.1. Purpose. To identify items by a unique stock number, using a 32-position alpha/numeric special character field stored on the item record as a brief description of an item.

Table 27E2.1. Nomenclature.

POSITION	STOCK NUMBER	UNIT OF ISSUE
00000000011111111112345 67890123456789		
SCREW 7/16 X 1-1/2	5305006374628	BX
LUMBER 2X4 S4S GR 2	5510005559104	BF
PLYWOOD 1/4 INT AD	5530001717705	SD
SCREW 1/4X1/2 EA 10	5305000101895	BX
SUIT FLY SIZE 46S	8415002657374	EA
NAIL COMMON 4D5 LB	5315006641436	PK
PLATE VALVE B588 PR	1660008847340	EA
WAVEGUIDE AN/CPN6	5825005120240	EA
TERM BD AN/FPS-35	5840000233407	EA
ENAM FLOOR MGRAY1GL	8010005270216	CN
CABNT FL ST 5DWRL	7110005515485	EA
WRENCH BX OP 1-1/8	5120002289516	EA
ADAPTER 1/4X1/4 IN	4510P661AZ-4	EA
NUT HEX 7/16 IN	5310P215-013	EA
LIGHT DIFFUSER 2X4	6250L0058395294	EA
12356 TESTER	1560001781560	EA

27E2.2. Special Instructions.

27E2.2.1. Instead of blindly copying the first 32 positions of the stock list description, include only meaningful information. Use the key element in the description. Usually this will be the major noun. Abbreviations are inevitable, but avoid unusual ones. See MIL-STD-12D for generally acceptable abbreviations. Note that for such consumables as hardware, lamps, wire, containers, etc., size is most significant and must be included at the expense of description.

27E2.2.2. Remember that nomenclature helps people, not computers. In developing patterns for description, ask the shop personnel of the major using activity for assistance. For example, Civil Engineering personnel can provide valuable guidelines for items in FSG 55 and 56. The type or model designator should be used in the nomenclature field for PCSP-CEM equipment, that is, AN-USM-26 FREQ MTR. This nomenclature appears in bench stock listings, document registers, Stock Number Directory, and any other output where description of the item is useful. As the 32 position field uses a considerable amount of the SBSS ADS database capacity, careful selection of key elements is essential for its efficient use.

27E2.2.3. Many items have nonsignificant units of issue, such as can, package, sheet, box, etc. These allow supply depots to avoid breaking unit packs when filling base requisitions. However, such units of issue are generally unsuitable for preparation of issue requests since they require a stock list search for the appropriate quantity per unit of issue data. To avoid additional research, the nomenclature field must include the quantity per unit issue for example, 144 per box, 12 oz per can, 25 per package, etc. Items issued from the Base Service Store are excluded from this requirement because their packaging is in plain sight of the customer.

27E2.2.4. For non-NSN items with part numbers, see [Section 27B](#).

27E2.2.5. Use type numbers whenever they are available, particularly for such items as electron tubes, resistors, aircraft instruments, communication-electronic components, etc.

27E2.2.6. Include the frequency in the nomenclature for piezoelectric crystals.

27E2.2.7. As the Defense Logistics Service Center (DLSC) patterns of description generally ignore size and type, bases should therefore concentrate on improving DLSC item names in such FSG as 47, 53, 55, 59, etc., where size and/or type is very important.

27E2.2.8. The nomenclature for TCTO kits (K in the fifth position of the stock number) contain the letters TO in the first two positions, a blank in the third position, and the technical order in the remaining 16 positions of the available nomenclature field (TO 1B-52F-634-A).

27E2.2.9. If the type stock record account code is P, enter the grade code in position 1-3 of the nomenclature field and the actual gallon conversion quantity in positions 5-7 when the unit of issue is other than gallon (GL). (See [Attachment 27A-3](#) for details.)

27E2.2.10. FNL inputs against NOCM (MMC CM) items will not be accepted.

27E2.2.11. If the routing identifier code is JBD, JBE, JBI, or JBT, SA/SR will be in positions 1-2 to identify field manufacture items.

ATTACHMENT 27F-1

UNIT OF ISSUE/UNIT PRICE CHANGE INPUT (FCU)

27F1.1. Purpose. To change unit of issue, unit price, and/or quantity unit pack code.

27F1.1.1. Unit price may be changed by procurement status input through interface with this FCU program.

27F1.1.2. Quantity unit pack codes are usually changed by FNL input (see [Section 27E](#)), but may also be changed with this input when convenient.

27F1.1.3. Price changes for budget code 8 (MSD) items must be input using the format in [Attachment 27F-5](#).

27F1.2. Input Restrictions. May be input at any terminal, based on the user-ID/password.

27F1.3. Output. See FCU Document Flow ([Attachment 27F-3](#)) and chapter 10, [attachment 10A-1](#).

27F1.4. Input Format and Entry Requirements (Screen FCU/208).

Table 27F1.1. Screen FCU/208.

POS	NO POS	FIELD DESIGNATION	REMARKS/NOTES
1-3	3	Transaction Identification Code	FCU
4	1	Blank	Note 1
5	1	Quantity Unit Pack Code/Blank	Note 2
6-7	2	System Designator	Note 3
8-22	15	Stock Number	
23-24	2	Unit of Issue/Blank	Note 2
25-29	5	Blank	
30	1	R	Constant
31-32	2	Blank	
33-39	7	Unit of Measure Factor Change From	Note 4
40	1	Conversion Override Indicator/Blank	Note 7
41	1	Blank	
42-48	7	Unit of Measure Factor Change To	Note 4
49-70	22	Blank	
71-80	10	Unit Price	Notes 2, 5, 6, 8

NOTES:

1. Under program control, a P will be input when processing was generated by input of a bulk issue request (BIR).
2. Enter new or change-to data. Blank for fuels inputs. Unit of issue changes that come from SNUD will not update records when the RIC is JBB.

3. System designator is required for P account ground fuels (materiel category G) items, L and P stock numbers, and item records with RIC JB(X). The system designator assigned to the terminal function number must be equal to the record being processed.
4. Enter when reject notice indicates a nonstandard unit of issue. The program will ignore the quantity entered if there is an internal standard conversion factor or the conversion override indicator equals a Y (see Note 7 below). Blank for fuels inputs.
5. Cannot to be blank on unit of issue changes.
6. The unit price of type stock record account code P (fuels) items is reflected in five-position dollars, two-position cents, and three-position mills (that is \$\$\$\$CCMMM) on the basic item record only. The (-9) fuels item record price field will reflect six-position dollars and two-position cents (that is, \$\$\$\$\$.CC). FOR EXAMPLE: The price stated in the Defense Fuels Service Center Price Bulletin of .149 must be entered as 00014900. The unused mills positions (79-80) must be filled in with zeros. This type of input price format will be used for Fuels accounts items. Internal programming updates the P account (-9) record accordingly as stated above. FCU inputs will not be processed on Fuels account items without clearance by the Fuels Management Flight.
7. If the conversion override indicator is set to a Y, the Unit of Issue Conversion Record Table will be bypassed. FOR EXAMPLE: U/I PR to EA is programmed for a 1 to 2 quantity conversion. The override will bypass this edit and change the quantity 1 to 1.
8. When processing FCU against budget code 9 assets and the unit of issue changes, a new moving average cost (MAC) and total assets on hand are computed based on inventory valuation requirements. The program first computes the extended MAC by multiplying the 022-FILLER-1*022-FILLER-2. The unit of issue and prices are updated as they were before inventory valuation. After updates to details and to the item record, a new 022-FILLER-1 is stored based on the actual quantity from the 101-SERVICEABLE-BALANCE, plus the Quantity on Hand, and/or Deployed Quantities from the 218, 230, 232, 233, 234, 237, 238, 239, 240 and 241 details. The sum of total assets are stored in the 022-FILLER-1 field. The extended MAC is then divided by the new 022-FILLER-1 field. The result is stored in the 022-FILLER-2 field. Note that price changes on the FCU input have no effect on computing a new inventory balance or a new MAC. Only the unit of issue change will affect the 022 COST-RECORD for FCU.

ATTACHMENT 27F-2

WAREHOUSE CHANGE DOCUMENT

27F2-Section A—WAREHOUSE CHANGE DOCUMENT.

27F2.1. Purpose. To produce the audit accountable document used by the Materiel Storage and Distribution Flight as outlined in chapter 14. The program produces a document for unit of issue changes when the item record reflects a serviceable balance or a warehouse location. A warehouse change document will be created for an unserviceable detail.

27F2.2. Output Destination. Warehouse terminal/satellite terminal/Computer Operations/main system.

27F2.3. Input Format. See Unit of Issue/Unit Price Change ([Attachment 27F-1](#)).

27F2.4. Output.

Table 27F2.1. Output.

PRINT LINE	POS	FIELD DESIGNATION	REMARKS
1	1-80	Input Image	
2	5-6	System Designator	
	8-22	Blank	
	23-24	Unit of Issue	Old
	47-48	Unit of Issue	New
	50-61	Constant	WHSE CHG DOC
	64-77	Document Number	Program
3	3-15	Warehouse Location	Item Record Data (Serviceable)
	21	Quantity Unit Pack Code	Item Record Data
	30-41	TIME XXXX:XX	Program
	43-52	Transaction Number	Program
	59-65	Record Balance (New)	Item Record
	69-75	Record Balance (Old)	Item Record

27F2-Section B—UNIT OF ISSUE/UNIT PRICE CHANGE (FCU) OUTPUT FORMAT (DOT MATRIX 1348-1A)

27F2.5. Purpose. To provide an output when the unit of issue for an item is changed and the item record has a serviceable balance or warehouse location or when there is an unserviceable detail record for the item. Storage and Issue processes the document as outlined in chapter 14.

27F2.6. Output Destination. Warehouse/satellite terminal or Computer Operations/main system.

27F2.7. Input. See FCU input ([Attachment 27F-1](#)).

27F2.8. Output Format. This format is produced if 001-TYPE-FORM-FLAG is equal to an A or a B.

Table 27F2.2. Output Format.

LOCATION ON IRRD BLOCK	LINE	POS	MAX LENGTH	TEXT/DESCRIPTION	REMARKS/NOTES
PP (1-3)	4	1-3	3	Constant (FCU)	
PP (45-52)	4	45-52	8	Unit Price	
11	10	65	1	Quantity Unit Pack Code	
24 Line 5	13	15-28	14	Warehouse Change Document	
25 Line 2	17	15-27	13	Warehouse Location	
25 Line 6	21	15-29	15	Stock Number	
26 Line 4	28	24-25	2	Old Unit of Issue	
26 Line 4	28	62-63	2	New Unit of Issue	
26 Line 5	29	26-32	7	Old Record Balance	
26 Line 5	29	64-70	7	New Record Balance	
27 Line 5	37	3-42	40	Transaction Date/Serial Number (Bar Code)	Note
27 Line 5	37	43-79	37	WHSE/SIGN-DATE:_____	Constant
27 Line 7	39	7-16	10	Transaction Date/Serial Number	
27 Line 7	39	22-31	10	Date/Time	
27 Line 7	39	43-79	37	INSPECTOR:_____	Constant

NOTE:

Bar-coded entities will appear only if 001-TYPE-DEVICE is equal to 028.

27F2-Section C—UNIT OF ISSUE/UNIT PRICE CHANGE (FCU) OUTPUT FORMAT (LASER 1348-1A)

27F2.9. Purpose. To provide an output when the unit of issue for an item is changed and the item record has a serviceable balance or warehouse location or when there is an unserviceable detail record for the item. Storage and Issue processes the document as outlined in chapter 14.

27F2.10. Output Destination. Warehouse/satellite terminal or Computer Operations/main system.

27F2.11. Input. See FCU input ([Attachment 27F-1](#)).

27F2.12. Output Format. This format is produced if 001-TYPE-DEVICE is equal to 37.

Table 27F2.3. Unit Of Issue/Unit Price Change (FCU) Output Format.

LOCATION ON IRRD BLOCK	LINE	POS	MAX LENGTH	TEXT/DESCRIPTION	REMARKS/NOTES
PP (1-3)	7	1-3	3	Constant (FCU)	
PP (45-52)	7	45-52	8	Unit Price	
11	11	53	1	Quantity Unit Pack Code	
24 Line 5	13	15-28	14	Warehouse Change Document	
25 Line 1	14	15-27	13	Warehouse Location	

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25 Line 4	17	15-29	15	Stock Number	
26 Line 1	21	24-25	2	Old Unit of Issue	
26 Line 1	21	62-63	2	New Unit of Issue	
26 Line 2	22	26-32	7	Old Record Balance	
26 Line 2	22	64-70	7	New Record Balance	
27 Line 4	29	3-42	40	Transaction Date/Serial Number (Bar Code)	
27 Line 4	29	43-79	37	WHSE/SIGN-DATE:_____	Constant
27 Line 6	31	7-16	10	Transaction Date/Serial Number	
27 Line 6	31	22-31	10	Date/Time	
27 Line 6	31	43-79	37	INSPECTOR:_____	Constant

ATTACHMENT 27F-3

FCU DOCUMENT FLOW

27F3.1. Records Maintenance.

27F3.1.1. Prepare AF Form 1530/1991 in two copies, unless the input is produced by the computer. In the latter case, this paragraph and the next do not apply.

27F3.1.2. Forward copy 1 of the creation form, if applicable, to Distribution/terminal operator. File copy 2 in the suspense file.

27F3.2. Computer Operations Terminal Operator.

27F3.2.1. Enter the input/key-in input.

27F3.2.2. Destroy the creation form (copy 1), after verification of input.

27F3.3. Computer Operations.

27F3.3.1. Process the input if applicable.

27F3.3.2. Forward the output to distribution point.

27F3.4. Output Processing.

27F3.4.1. Warehouse Change Document. Process as outlined in chapter 14.

27F3.4.2. Document Register. This register is used to perform verification of processing as required and to update all external files. The Daily Document Register is distributed and used as specified in chapter 5, [attachment 27B-4](#).

ATTACHMENT 27F-4

SPS (FORMERLY BCAS) UNIT OF ISSUE CHANGE (1CU)

27F4.1. Purpose. This format is output only at SPS/BCAS bases. Supply uses it to notify the Contracting system when unit of issue changes occur. Forward to the SPS/BCAS for processing.

27F4.2. Output Destination. Computer Operations/main system.

27F4.3. Input Format. See Unit of Issue/Unit Price Change ([Attachment 27F-1](#)).

27F4.4. Output Format.

Table 27F4.1. SPS (Formerly BCAS) Unit Of Issue Change.

POS	NO POS	FIELD DESIGNATION	REMARKS/NOTES
1-3	3	Transaction Identification Code	1CU
4	1	Blank	
5	1	Quantity Unit Pack Code	
6-7	2	Blank	
8-22	15	Stock Number	
23-24	2	New Unit of Issue	
25	1	Decimal Locator	
26-29	4	Conversion Factor	
30	1	Blank	
31-32	2	Change-From Unit of Issue	
33-74	42	Blank	
75-80	6	SRAN	Note

NOTE:

CSB SRAN will be reflected or the satellite SRAN if a satellite is supported by a SPS (formerly BCAS).

ATTACHMENT 27F-5

PRICE LIST CHANGE INPUT (MSD)

27F5.1. Purpose. To change the standard price, material cost recovery, latest acquisition cost, latest repair cost, carcass cost, exchange price, unserviceable asset price, mark-up price or manager designator code for budget code 8 (MSD) items. Also, loads the 022 COST RECORD for all budget code 9 assets for inventory valuation requirements.

27F5.1.1. TRIC MSD will be used to transmit prices for new item record loads (NC/ND/NSN).

27F5.1.2. TRIC MSD will be used to transmit price changes on existing (NC/ND/NSN).

27F5.1.3. TRIC MSD will be used to transmit price inquiry results for (NC/ND/NSN).

27F5.1.4. TRIC MSD will be used to establish the 022 COST RECORD for budget code 9 assets when one is not already loaded.

27F5.2. Input Restrictions. May be input through pseudo or terminal based upon the user - ID/ password.

27F5.3. Output. N/A.

27F5.4. Input Format and Entry Requirements (Screen: MSD/450).

Table 27F5.1. Screen: MSD/450.

POS	NO POS	FIELD DESIGNATION	REMARKS/NOTES
1-3	3	Document Identifier Code	MSD, Note 1
4-6	3	Manager Designator Code	
7	1	ERRCD	
8-22	15	National Stock Number	
23	1	Budget Code	Note 3
24-30	7	Effective Date	
31-40	10	Latest Acquisition Cost	
41-50	10	Standard Price	Note 3
51-60	10	Direct Allocable Cost - LAC	
61-70	10	Business Overhead Cost - LAC	
71-80	10	Latest Repair Cost	
81-90	10	Material Cost Recovery	
91-100	10	Carcass Cost	Note 2
101-110	10	Exchange Price	
111-120	10	Unserviceable Asset Price	
121-130	10	Direct Allocable Cost - LRC	
131-140	10	Business Overhead Cost - LRC	
141-150	10	Mark-up Price	
151-160	10	Blank	

NOTES:

1. TRIC MSD will normally be distributed from AFMC through SNUD to recorded users of the applicable stock number. If a reject condition occurs or manual processing is otherwise required, TRIC MSD will be used to change standard price, material cost recovery, latest acquisition cost, latest repair cost, carcass cost, etc., exchange price, unserviceable asset price, mark-up price or manager designator code for new item record loads, and TRIC MSD will also be used to change the same for existing stock numbers. TRIC MSD is the price list interrogation result of a 1SQ (option code 09) input. These inputs will be applicable to stock numbers that are budget code 8, have an ERRC of XD(x),XB(x), and XF(x).
2. Must contain carcass cost if budget code 8.
3. If input is processed for a budget code 9 asset, the Standard Price is the only price field required. This will load the 022 COST-RECORD for inventory valuation requirements. The sum of total account assets will be stored in the 022-FILLER-1 field and the 022-FILLER-2 field will contain the 101-UNIT-PRICE. Position 41-50 of the input must be > 0000000000.

ATTACHMENT 27G-1

ITEM RECORD DELETE (FID)

27G1.1. Purpose. To delete inactive item records which meet deletion criteria. This format is used when an external decision is made to delete specific records.

27G1.2. Input Restrictions. Pseudo or any terminals based upon user-ID and password.

27G1.3. Output. The following output images may be produced. Output SIFS control records should be set up as indicated.

Table 27G1.1. Item Record Delete (FID)Output.

TRIC	ROUTING DESTINATION
BDF	DAAS
XGF	May be created and will be forwarded to AFEMS under program control.

NOTE:

No printed output document is produced.

27G1.4. Input Format and Entry Requirements.

Table 27G1.2. Input Format and Entry Requirements.

POS	NO POS	FIELD DESIGNATION	REMARKS/NOTES
1-3	3	Transaction Identification Code	FID
4	1	Force Delete Code	Note 1
5-6	2	Blank	
7	1	Reason Why Code	Note 2
8-22	15	Stock Number	Note 3
23-24	2	System Designator	Note 3
25-62	38	Blank	
63-80	18	Reserved for Internal Program Use	

NOTES:

1. Use only when it is necessary to override checks listed in [Section 27G](#), this chapter.
2. Reason why code--Deletion of an item record as a result of:

F -- Item no longer needed as unsuitable for Air Force use. This code overrides the expiration date check.

S -- Equipment item no longer authorized base support; for example, end item phased out, aircraft transferred, using organization inactivated or moved.

U -- Item coded NPUB, DSP, obsolete, or USAF excess in stock list.

V -- File status computation produced delete.

W -- Assigned under program control only when FID is called internally by the file status pro-

gram. This code must never be used on externally prepared FID inputs.

X -- Unused

Y -- Unused

Z -- All other

3. Stock number and system designator must be for the item being deleted.

ATTACHMENT 27G-2

DOCUMENT FLOW FOR ITEM RECORD DELETES

27G2.1. Research.

27G2.1.1. Activities without terminals.

27G2.1.1.1. Create ASCII files of the FID images using CPS procedures or any other authorized personal computer program.

27G2.1.1.2. Forward the images to the Computer Operations for processing.

27G2.1.1.3. Correct reject conditions and take action on management notices from Computer Operations as necessary, see chapter 7.

27G2.1.1.4. Review the next days D04 report for evidence of completed processing. Follow up with Computer Operations on the images not processed.

27G2.1.1.5. Make applicable entry in the stock number directory if the processing was correct.

27G2.1.2. Activities with terminals.

27G2.1.2.1. Process the FID images on the terminal.

27G2.1.2.2. Correct reject conditions and take action on management notices as necessary, see chapter 7.

27G2.1.2.3. Make applicable entry in the stock number directory if the processing was correct.

27G2.2. Storage and Issue. Delete the warehouse location indicated by the daily document register. (See chapter 14 for details.)

ATTACHMENT 27H-1

ROUTING IDENTIFIER CONVERSION TABLE

27H1.1. Purpose. To be used by the stocklist change program to edit or build the applicable routing identifier code (RIC) based on the input source of supply. **NOTE:** Sources of supply not indicated on the table are assigned the same RIC as the input source of supply. See C-1-AF for source of supply codes and their meanings.

27H1.2. Input Format and Entry Requirements.

Table 27H1.1. Routing Identifier Conversion Table.

INPUT SOURCE OF SUPPLY	FUND CODE	ROUTING IDENTIFIER	NOTES
AK	SF	S9C	
CIC	ANY	UNAUTH	Note 1
JCA	Note 2		
JCD	ANY	NO CHG	Note 3
JCK	ANY	NO CHG	Note 4
JCL	ANY	JBD	Note 5
JCR	ANY	NO CHG	
JCS	ANY	NO CHG	
JCU	ANY	UNAUTH	Note 1
JCW	ANY	UNAUTH	Note 1
JDC	LP	JBB	
JGC	LP	JBB	
JSC	LP	JBB	
JGB	ANY	JBB	
JGG	ANY	G(x)0	Note 6
JGP	ANY	JBF	
JDS	ANY	JBH	
JGS	ANY	JBH	
JSB	ANY	JBB	
JSP	ANY	JBF	
JSY	ANY	JBB	

NOTES:

1. Management notice 045 will be printed for these items.
2. If the input source of supply is JCA, then the appropriate MILSTRIP routing identifier code will be assigned to the item record based on the input fund code, budget code, and the FSC and MMC record as follows:

INPUT CONTAINS	FSC RECORD	MMC RECORD	ASSIGN RIC
Fund Code LP	N/A	N/A	JBB

Budget Code 9	DSA Flag	N/A	S9(x) or GSA
Other than LP/9	N/A	AFMC Flag	F(x)Z

- 3.If the input source of supply is JCD (Nonpublished), then the item record RIC will not be changed. These items will be identified with the assignment of a numeric parts preference code (last position) of 5.
- 4.These items will be identified on the item record with numeric parts preference code (last position) of 3 to denote condemned items. The item record RIC will not be changed.
- 5.Activities operating under the industrial funding concept must prepare an FIC to change the routing identifier code from JBD to JBI. FIC formats are outlined in [Section 27D](#). This action is required to ensure proper funding action is taken.
- 6.If the source of supply is JGG with issue and fund code of OS, then routing identifier code JBB is assigned to CONUS bases.

ATTACHMENT 27H-2

SNUD PERIODIC OUTPUT FORMAT, (BM-) CMD CHANGES

27H2.1. Purpose. To reinput invalid catalog management data (CMD) changes resulting in rejects from SNUD processing.

27H2.2. Input Restrictions. BMx (except BME) inputs are routed by SIFS to the SNUD-IMAGE-RECORD. These inputs are processed through pseudo, based on the effective date in positions 27-31. Re-inputs, to correct error conditions, can be processed through pseudo or any terminal, based on user-ID/ password.

NOTE:

When loading DLA items containing AAC J or Z, also prepare and process a BMC to load the AAC to the item record. The BMC must be prepared immediately after loading the item record (before releveing can process) so the 90 day EOQ (versus the normal 365 day) logic will be used.

27H2.3. Input Format (SCREEN #BM/#179).

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Table 27H2.1. Screen #BM/#179.

POS	NO POS	FIELD DESIGNATION	REMARKS/NOTES
1-2	2	Document Identifier	BM
3	1	Action Code	Volume 1, part 1, chapter 7, attachment E-2
4-6	3	Source of Supply	MILSTRIP Routing Identifier or source-of-supply modifier. See DOD 4000.25-I-SI for RICs and volume 1, part 1, chapter 7, attachment E-6, for source of supply modifier codes
7	1	AFEMS Report Code or Blank(EMC codes)	See chapter 3 for EMC codes
8-20	13	Stock Number	
21	1	Price Validation Code	See volume 7, part 4, chapter 4, attachment 4A-1
22	1	AFTO Form 95 Code	X, Y, Z, or blank (see Section 27M)
23-24	2	Materiel Management Code(MMC)	See volume 1, part 2, chapter 2, attachment A-2
25	1	Acquisition Advice Code	See chapter 3, attachment 3A-10
26	1	Supply Management Grouping Code or Blank	For AFMC use only
27-31	5	Effective Date	Effective date of CMD change, for example 89137 (17 May 89)
32	1	Phrase Code	See volume 1, part 1, chapter 7, attachment E-3
33-47	15	Phrase Stock Number, or Information Phrase, Blank	Will be blank if phrase stock number or information phrase not involved. See volume 1, part 1, chapter 7, attachment E-4.
48-49	2	AF Item Manager (IM)	Two-digit DOD activity code has IM responsibility. When Air Force is the SOS, positions 4-6 and 48-49 will indicate the same ALC. When AF is not the SOS, this field will reflect the AF IM as designated by federal supply class. See volume 1, part 1, chapter 7, attachment E-7.
50	1	Stock Fund Credit Indicator or blank	See volume 3, part 5, chapter 3, attachment B-1
51	1	Shelf Life Code	See chapter 3
52	1	Physical Security Code	See Section 27K
53-54	2	Unit of Issue Code (New)	See volume 1, part 4, attachment 6
55-59	5	Unit of Issue Conversion Factor	Zero-filled if unit of issue change not involved. See volume 1, part 4, attachment 7
60	1	Demilitarization Code	chapter 15, attachment 15F-5
61	1	ERRCD (New)	See volume 1, part 4, chapter 1, attachment 27
62	1	Procurement Source Code(PSC)	See volume 1, part 4, attachment 41
63-64	2	Fund Code	See volume 1, part 1, chapter 7, attachment E-8
65	1	Precious Metals Indicator Code (PMIC)	
66	1	Automatic Data Processing Equipment Code (APDE)	See volume 1, part 4, chapter 1, attachment 57
67-68	2	Unit of Issue (Old)	See volume 1, part 4, attachment 6
69	1	ERRCD (Old)	See volume 4, part 4, attachment 27
70	1	Airlift Code or Blank	An A identifies AF centrally procured (CP) investment items which are in a buy or repair position at the IM ALC.
71	1	Quantity Unit Pack	See Attachment 27A-3
72	1	Budget Code	See chapter 3
73	1	Unit Price Decimal Locator	See volume 1, part 1, chapter 7, attachment E-1 (Remarks)

74-80	7	Unit Price	
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ATTACHMENT 27H-3

SNUD CURRENT CMD CHANGES (BV4)

27H3.1. Purpose. To reinput invalid current catalog management data (CMD) changes resulting from SNUD interrogations.

27H3.2. Input Restrictions. May be input through Computer Operations or Records Maintenance terminal only.

27H3.3. Input Format (Screen BV4/431).

Table 27H3.1. Screen BV4/431.

POS	NO POS	FIELD DESIGNATION	REMARKS/NOTES
1-3	3	Transaction Identification Code	BV4
4-6	3	Source of Supply	MILSTRIP Routing Identifier or source-of-supply modifier. See DOD 4000. 25-I-SI for RICs and volume 1, part 1, chapter 7, attachment E-6 for source of supply modifier codes
7	1	AFEMS Report Code or Blank (EMC Code)	See chapter 3 for EMC codes
8-20	13	Stock Number	
21	1	Price Validation Code	See volume 1, part 4, chapter 1, attachment 1A-46
22	1	AFTO Form 95 Code	X, Y, Z, or blank (see Section 27M)
23-24	2	Materiel Management Code (MMC)	See volume 1, part 2, chapter 2, attachment A-2
25	1	Acquisition Advice Code	See chapter 3, attachment 3A-10
26	1	Supply Management Grouping	For AFMC use only Code or Blank
27-31	5	Effective Date	Effective date of CMD change, for example 89137 (17 May 89)
32	1	Phrase Code	See volume 1, part 1, chapter 7, attachment E-3
33-47	15	Phrase Stock Number, Information Phrase, or Blank	Will be blank if phrase stock number or information phrase not involved. See volume 1, part 1, chapter 7, attachment E-4 .
48-49	2	AF Item Manager (IM)	Two-digit DOD activity code have IM responsibility When Air Force is the SOS, positions 4-6 and 48-49 will indicate the same ALC. When AF is not the SOS, this field will reflect the AF IM as designated by federal supply class. See volume 1, part 1, chapter 7, attachment E-7 .
50	1	Stock Fund Credit Indicator or blank	See volume 3, part 5, chapter 3, attachment B-1 .
51	1	Shelf Life Code	See chapter 3
52	1	Physical Security Code(Controlled Item Code)	See Section 27K
53-54	2	Unit of Issue Code (New)	See volume 1, part 4, attachment 6 .
55-59	5	Unit of Issue Conversion Factor	Zero-filled if unit of issue change not involved. See volume 1, part 4, attachment 7
60	1	Demilitarization Code	See chapter 15, attachment 15F-5
61	1	ERRCD (New)	See volume 1, part 4, chapter 1, attachment 27
62	1	Procurement Source Code(PSC)	See volume 1, part 4, attachment 41
63-64	2	Fund Code	See volume 1, part 1, chapter 7, attachment E-8
65	1	Precious Metals Indicator Code (PMIC)	
66	1	Automatic Data Processing Equipment Code (ADPE)	See volume 1, part 4, chapter 1, attachment 57
67-68	2	Unit of Issue (Old)	See volume 1, part 4, attachment 6
69	1	ERRCD (Old)	See volume 1, part4, attachment 27
70	1	Airlift Code or Blank	an A identifies AF centrally procured (CP) investment items which are in a buy or repair position at the IM ALC.
71	1	Quantity Unit Pack	See Attachment 27A-3
72	1	Budget Code	See chapter 3

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73	1	Unit Price Decimal Locator	See volume 1, part 1, chapter 7, attachment E-1 (Remarks)
74-80	7	Unit Price	

ATTACHMENT 27H-4

SNUD CURRENT CMD CHANGES FOR ANNUAL RECONCILIATION (BVE)

27H4.1. Purpose. To reinput invalid current catalog management data (CMD) changes when at least one element of input CMD on annual reconciliation does not match AF central files.

27H4.2. Input Restrictions. May be input through Computer Operations or Records Maintenance terminal only.

27H4.3. Input Format (SCREEN BVE/432).

Table 27H4.1. Screen BVE/432.

POS	NO POS	FIELD DESIGNATION	REMARKS/NOTES
1-3	3	Transaction Identification Code	BVE
4-6	3	Source of Supply	MILSTRIP Routing Identifier or source-of-supply modifier. See DOD 4000. 25-I-SI for RICs and volume 1, part 1, chapter 7, attachment E-6 for source of supply modifier codes
7	1	AFEMS Report Code or Blank	See chapter 3 for(EMC Code)EMC codes
8-20	13	Stock Number	
21	1	Price Validation Code	See volume 1, part 4, attachment 46
22	1	AFTO Form 95 Code	X, Y, Z, or blank (See section 27M)
23-24	2	Materiel Management Code(MMC)	See volume 1, part 2, chapter 2, attachment A-2
25	1	Acquisition Advice Code	See chapter 3, attachment 3A-10
26	1	Supply Management Grouping Code or Blank	For AFMC use only
27-31	5	Effective Date	Effective date of CMD change, for example 89137 (17 May 89)
32	1	Phrase Code	See volume 1, part 1, chapter 7, attachment E-3
33-47	15	Phrase Stock Number, Information Phrase, or Blank	Will be blank if phrase stock number or information phrase not involved. See volume 1, part 1, chapter 7, attachment E-4 .

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48-49	2	AF Item Manager (IM)	Two-digit DOD activity code have IM responsibility. When Air Force is the SOS, positions 4-6, and 48-49 will indicate the same ALC. When AF is not the SOS, this field will reflect the AF IM as designated by federal supply class. See volume 1, part 1, chapter 7, attachment E-7 .
50	1	Stock Fund Credit Indicator or Blank	See volume 3, part 5, chapter 3, attachment B-1
51	1	Shelf Life Code	See chapter 3
52	1	Physical Security Code (Controlled Item Code)	See Section 27K
53-54	2	Unit of Issue Code (New)	See volume 1, part 4, attachment 6
55-59	5	Unit of Issue Conversion Factor	Zero-filled if unit of issue change not involved. See volume 1, part 4, attachment 7
60	1	Demilitarization Code	See chapter 15, attachment F-5
61	1	ERRCD (New)	See volume 1, part 4, chapter 1, attachment 27
62	1	Procurement Source Code (PSC)	See volume 1, part 4, attachment 41
63-64	2	Fund Code	See volume 1, part 1, chapter 7, attachment E-8
65	1	Precious Metals Indicator Code (PMIC)	
66	1	Automatic Data Processing Equipment Code (ADPE)	See volume 1, part 4, chapter 1, attachment 57
67-68	2	Unit of Issue (Old)	See volume 1, part 4, attachment 6
69	1	ERRCD (Old)	See volume 1, part 4, attachment 27
70	1	Airlift Code or Blank	an A identifies AF centrally procured (CP) investment items which are in a buy or repair position at the IM ALC.
71	1	Quantity Unit Pack	See Attachment 27A-3
72	1	Budget Code	See chapter 3
73	1	Unit Price Decimal Locator	See volume 1, part 1 chapter 7, attachment E-1 (Remarks)
74-80		7	Unit Price

ATTACHMENT 27H-5

DIC BVD IN-LINE/OUTPUT PROCESSING PROCEDURES/CONVERSION LIST

27H5.1. DIC BVD In-Line/Output Processing Procedures/Conversion List.

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Table 27H5.1. DIC BVD In-Line/Output Processing Procedures/Conversion List.

INPUT DIC	PROCESSES
BVD01 (SUBMITTED FSC DIFFERS) BVD02 (CANC REPL BY)	INLINE ACTION: SNUD program builds a TRIC FIC (stock number change) internally and processes it through the indicative data update program.
	OUTPUT/ACTION: Notices/rejects as currently exist in the SNUD-FIC program processes. Process/clear according to existing procedures.
BVD03 (CANC NO REPL)	INLINE ACTION: Assigns REX code 3 to all item records with that stock number.
	OUTPUT/ACTION: F470 management notice is output. Requirements must be validated. If requirement is valid, request reactivation by submission of AF Form 86. If no requirement exists, delete the item record from SBSS computer and user interest from SNUD (see F470 management notice, chapter 7).
BVD04 (MATCHED AF USED NSN)	INLINE ACTION: If position 56 of the BVD04 is equal to blank, the Program will pass the input and not update item records (none required). Otherwise, the program will internally build a BMC format image using data from the current item record and the BVD04 and allow it to process through the standard/current edits of the SNUD program.
	OUTPUT/ACTION: Notices/rejects as currently exist in the SNUD-FIC-FCU interface processes. Process/clear according to existing procedures.
BVD05 (MATCHED DLA USED NSN)	INLINE ACTION: If position 56 of the BVD05/06 is equal to blank, the program will pass the input and not update item records (none required). Otherwise, the program will internally build a BMC format image using data from the current item record and the BVD05/06 (respectively) and allow it to process through the standard/current edits of the SNUD program. The program will also produce an F471 management notice.
BVD06 (MATCHED NON-AF USED NSN)	OUTPUT/ACTION: Notices/rejects as currently exist in the SNUD-FIC-FCU program processes. Process/clear according to existing procedures. NOTE: The F471 management notice requires the validation of requirements and request of AF user interest to be established, if appropriate, by submission of an AF Form 86. See F471 management notice, chapter 7.
BVD07 (SN DID NOT MATCH)	INLINE ACTION: The inline program will pass this input and not update item records; however, an F472 management notice will be produced.
	OUTPUT/ACTION: See F472 management notice, chapter 7, and process as appropriate.
BVD08 (ERDA CONTROLLED ITEM)	INLINE ACTION: If position 56 of the BVD08/10 is equal to blank, the program will pass the input, produce an F473 management notice, and will not update item records. Otherwise, the input will process the same as the BVD04. See BVD04.

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BVD10 (MATCHED NO USERS/IMM)	OUTPUT/ACTION: See BVD04 or F473 management notice, chapter 7, and process as appropriate.
BVD09 (CANC SEE REPL NSNs)	INLINE ACTION: The inline program will pass this input and not update item records; however, an F474 management notice will be produced.
	OUTPUT/ACTION: See F474 management notice, chapter 7, and process as appropriate.
BVD11 (SECURITY ITEM)	INLINE ACTION: The inline program will pass this input and not update item records; however, an F475 management notice will be produced.
	OUTPUT/ACTION: See F475 management notice, chapter 7, and process as appropriate.
BVD12 (MATCHED AF USED MED ITEM)	INLINE ACTION: The inline program will pass this input and not update item records; however, an F476 management notice is produced if the referenced stock number is loaded in the B or K type stock record account. Referenced stock number loaded in the E type stock record account requires no action (items must remain EAID accountable).
	OUTPUT/ACTION: See F476 management notice, chapter 7, and process as appropriate. These items should be treated in the same manner as FSG 65 NSNs.
BVD13 (PROCUREMENT UNAUTH USE)	INLINE ACTION: The inline program will pass this input and not update item records; however, an F477 management notice is produced.
	OUTPUT/ACTION: BVD13 formats identify items no longer authorized for procurement and provide the replacement stock number. These items are normally EAID type items and relate to Table of Allowances (TA). See F477 management notice, chapter 7, and process as appropriate.

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NOTE:

The F470-F477 management notices will be output at Computer Operations/main system. A (possible) large volume of output will require a fast terminal. All of the management notices will be distributed to Records Maintenance for control and verification (as necessary) of the SNUD DIC BVD process. Records Maintenance, in turn, will verify, file in suspense, coordinate, process, destroy, and/or redistribute the F470-F477 management notices as necessary according to the directing references and processes.

ATTACHMENT 27H-6

AFMC OUTPUT PROCESSING REFERENCE LIST

27H6.1. AFMC Output Processing Reference List. Formats and their data elements are contained in [volume I, part one, chapter 7](#).

Table 27H6.1. AFMC Output Processing Reference List.

TRIC/DIC	REMARKS
BDD	See Section 27H
BDE	See Section 27H
BDG	See Section 27H
BDH	See Section 27H
BDM	Weekly ammunition data changes. Will be listed with other stocklist change images received in stock number or NIIN sequence, and then processed inline as soon as possible.
BDR	Reparable Item Movement Control data load, change, delete. Input inline as soon as possible. See Section 27U .
BDS	Input for program NGV404, D043B interchangeable and substitute group. See Section 27I .
BDT	Transportation data load, change, delete. Input inline as soon as possible. See Section 27L .
BM(x)	Monthly or weekly emergency stock control data changes. Listed in stock number or NIIN sequence and the listing filed. When the Annual Reconciliation Output (BVE) Listing has been received, all previous listings may be destroyed. Process inline based on the effective date on the format. See Section 27H .
BE	Stocklist data images. Represents current stock control data output by AFMC due to a mismatch of data during annual reconciliation or from a BVA/BVU(X) type inquiry. Listed in stock number or NIIN sequence and the listing filed. Input inline as soon as possible.
BVD	Error reject. For error code, see volume 1, part 1, chapter 7 . Reject formats output from BVU CAGE/reference number inquiry.
BVM	Current ammunition data output by AFMC, after processing a SNUD add (BDFA) input or a SNUD inquiry (BVAC12) input. Will be listed with other BM(x) formats, and then processed inline as soon as possible
BVN	Stock number is valid, but no Catalog Management Data (CMD) are available at present time. CMD are in the process of being established in the AFMC central files; when established, the CMD will automatically be disseminated through periodic SNUD distribution.
BVR	Reference number to stock number. External format resulting from BVUC25 inquiry. See volume 1, part 1, chapter 7, attachment B-3 , part XII.
BVS	Input for program NGV404, D043B interchangeable and substitute group. (See section 27I and chapter 6, attachment 6A-7 .)
BVT	Transportation data load, change, delete. Input inline as soon as possible. At the option of the major command/Chief of Supply, may be listed with other stock control data changes (BMx, BV4).
BV4	Current stock control data output by AFMC, after processing a SNUD add (BDFA) input or a SNUD inquiry (BVA) input. Listed in stock number or NIIN sequence and the listing filed. When the annual reconciliation output (BVE) listing has been received, all previous listings may be destroyed. Input inline as soon as possible.
BV7	Part number data. External format output by AFMC when part number data are requested by user. Refer to volume 1, part 1, chapter 7, section 27B , for procedures.
BV8	Reparable Item Movement Control data load, change, delete. Same as TRIC BDR.
BV9	Replacing stock number data. Output from AFMC from BVA/BVU inquiry. Research and prepare necessary input documents to change the stock number and other data elements, if required.

ATTACHMENT 27H-7

STOCK NUMBER USER DIRECTORY (SNUD) STOCK NUMBER INTERROGATION

27H7.1. Purpose. To create BVAC/BVUC images that query AFMC for correct catalog management data (CMD).

27H7.2. Input Restrictions. May be input at any terminal based upon user-ID/password.

27H7.3. Output. See [volume 1, part 1, chapter 7, section C](#).

27H7.4. Input Format and Entry Requirements (SCREEN 1SQ/535).

Table 27H7.1. Input Format and Entry Requirements.

POS	NO POS	FIELD DESIGNATION	REMARKS/NOTES
1-3	3	Transaction Identification Code	1SQ
4-5	2	Option Code	Notes 1, 2
6-7	2	Blank	
8-22	15	Stock Number	

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Table 27H7.2. Option Codes.

OPTION CODE	DEFINITION
04	Request for most current CMD, item name, and interchangeable and substitute (I&S) data
07	Request for reference number
08	Request for full range of available stock number data except SNUD user registration data and materiel management aggregation code/federal supply class MMAC/FSC) table data
09	Request for most current CMD
10	Request for I&S data
11	Request for item name
12	Request for munitions data
14	Request for Reparable Item Movement Control System (RIMCS) data
15	Request for transportation data
18	Request for full range of available stock number data except reference number, MMAC/FSC table data, and SNUD user registration data
19	Request for SNUD user registration data
20	Request for most current CMD and item name
21	Request for most current CMD and I&S data
66	Request for asset status/transaction reporting data

NOTES:

- 1.The following are the valid option codes available:
- 2.Leave option code blank for part numbers. This creates a BVUC25 image to AFMC for commercial and government entity (CAGE) /reference number interrogation. This only applies to part numbers with a valid CAGE. Part numbers with ZZZZZ CAGE cannot be interrogated through the AFMC D046 system.

ATTACHMENT 27H-8

CATALOG MANAGEMENT DATA CHANGE RECORD (BME)

27H8.1. Purpose. To update the item record with the input Stock Fund Credit Indicator, Serialized Report Code, Electrostatic Discharge Code, Hazardous Material Indicator Code and Agile Logistics/Two-Level Maintenance Code.

27H8.2. Input Restrictions. SIFS inbound control record should reflect BME for pseudo processing.

27H8.3. Output. No output document is produced.

27H8.4. Input Format and Entry Requirements.

Table 27H8.1. Input Format and Entry Requirements.

POS	NO POS	FIELD DESIGNATION	REMARKS/NOTES
1-3	3	Transaction Identification Code	BME
4-7	4	Blank	
8-20	13	National Stock Number	
21-22	2	Blank	
23-24	2	Materiel Management Aggregation Code	
25	1	Stock Fund Credit Indicator	Note
26	1	Serialized Report Code	Note
27-31	5	As of Date (YYDDD)	Note
32	1	Hazardous Materiel Identification Code (HMIC)	Note
33	1	Electrostatic Discharge Code (ESDC)	Note
34	1	Blank	
35	1	Agile Logistics/Two-Level Maintenance Code	
36-90	55	Blank	

NOTE:

Record is a complete overlay. Use extreme care when updating data of each field. If one of these fields is left blank, the data on the item record will be blanked out.

ATTACHMENT 27H-9

BASE-SNUD AUDIT INPUT ERRORS

27H9.1. Purpose. To provide base with reason why BDFx, BVA, BVU, and XXX were not accepted.

27H9.2. Input Restrictions. Records Maintenance will change the BVB format, once the research is complete, by deleting the first three positions of the image. The image will be changed to a valid SNUD image. These images will be taken to RPS and processed through pseudo so corrections will be sent.

27H9.3. Output. No output document is produced.

27H9.4. Input Format and Entry Requirements. The SNUD images will be either BDFx, BVA, BVU, or XXX.

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Table 27H9.1. Input Format and Entry Requirements.

POS	NO POS	FIELD DESIGNATION	REMARKS/NOTES
1-3	3	Document Identifier	“BVB”
4-79	76	Image of Input	For image output, an exact image of BDF (except BDFR), BVA, or BVU input. For XXX input, the blanks in positions 4-7 of the input are eliminated and other input data elements left-justified to accommodate an error code in position 80.
80	1	Error Code	See following error codes list.

Table 27H9.2. Error Codes List.

ERROR CODES	DEFINITIONS
A	For BDFA/B/D/R input, the SRAN must be in the MBA file. For BVA/BVU/XXX input, the SRAN field is not completely filled or input by DCS DAAS (Defense Automatic Addressing System) and SRAN not in MBA file.
C	FSC in FSG 65 or 89 and input code is A, B, C, or R.
D	Document is not BDF, BVA, BVU, or XXX or input is BDFR with transmission media A.
E	Document identifier is BVU and positions 36-40 contain blanks or an invalid CAGE, or position 41 is a blank.
F	Option code is not correct or required.
G	Input code is other than A, B, C, D, I, R, or T.
H	Users are using other media than recorded.
I	Invalid pull indicator C with BVAC99 pull indicator is required.
L	Input code is I or T and positions 8-11 not numeric or not two alphas followed by two blanks.
M	For XXX interrogations, invalid MMC/FSC condition.
S	Stock number is other than an NSN, or NC, ND, or K number is not in the correct format, or duplicate NIINs on XXX interrogations.

ATTACHMENT 27I-1

ISG LOAD/CHANGE/DELETE (FIS)

27I1.1. Purpose. To load, change, or delete a stock number to or from an ISG record.

27I1.2. Input Restrictions. Records Maintenance terminal or Computer Operations/main system.

27I1.3. Output. See ISG Update Notice ([Attachment 27I-2](#)).

27I1.4. Input Format and Entry Requirements (SCREENS FISL/211, FISC/212, and FISD/213).

Table 27I1.1. Input Format and Entry Requirements.

POS	NO POS	FIELD DESIGNATION	REMARKS/NOTES
1-3	3	Transaction Identification Code	Constant FIS
4	1	Action Code	L, C, D/Note 1
5	1	Relationship Code (1st SN)	M, I, S, C, H, or K/Note 2
6-7	2	ISG Order Code (1st SN)	Note 3
8-22	15	Stock Number (1st SN)	
23-26	4	ISG Number	Note 4
27	1	Blank	
28	1	Relationship Codes	Note 2
29-30	2	ISG Order Code (2nd SN)	Note 3
31-45	15	Stock Number (2nd SN)	
46-47	2	Basis of Relationship Code	01-05/Note 5
48-75	28	Source of Relationship	Note 6
76-77	2	System Designator	Mandatory
78	1	Print Suppress Code	S or Blank/Note 7
79	1	Blank	
80	1	Force Code	Note 8

NOTES:

1. Enter the applicable action code:

L -- Load the input stock number(s) to an ISG record.

C -- Change the input stock number ISG order code and/or relationship code. When a change action is processed, the second input field must be blank.

D -- Delete the input stock number(s) from its ISG. When two stock numbers are input, both must be in the same ISG.

2. Enter the applicable relationship code to be loaded or changed:

M -- Master Item

I -- Interchangeable Item

S -- Substitute Item

C -- Component Part

H -- Next Higher Assembly

K -- Repair Kit

Leave this field blank on deletes or when no change is required. When entering relationship code M, you must enter it in the first half of the input.

3. Enter the ISG order code to be loaded or changed. The ISG order code is a combination of two data elements: the source code (the first character) and the parts preference code (the last character). Leave these fields blank on deletes or when no change is required.

4. Enter the ISG number when the input stock number(s) is to be loaded to an established ISG. Leave these fields blank when processing changes, deletes, or loading a new ISG.

5. Basis of relationship code 01-05 must be entered when loading or changing to a master or interchangeable with ISG group order code 7; otherwise, leave these fields blank.

Basis of relationship codes are defined as follows:

01 -- Relationship made from physical comparison of technical order (TO) data

02 -- Relationship made from physical installation and test

03 -- Relationship made by physical comparison

04 -- Relationship made by comparison of part number and manufacturer's number

05 -- Relationship identified by an activity.

6. Enter the applicable source when you input basis of relationship code 01, 02, 04, or 05; otherwise, leave these fields blank.

Sources for basis of relationship codes are as follow:

01 -- Technical order (TO) data

02 -- Function

03 -- No entry required

04 -- National manufacturer's code and part number

05 -- Activity that identified the relationship.

7. Enter an S to bypass printing FIS output notices. This code is usually used when multiple inputs are being processed against a single ISG and 1) only the last output is necessary to update external files, and/or 2) bases have elected not to manually update the R02/NGV866 ISG listing.

8. Enter an F to delete relationships established by the D043B system. This action does not apply to load or change processing.

ATTACHMENT 27I-2

ISG UPDATE NOTICE

27I2.1. Purpose. To clear suspense records and verify the accuracy of processing.

This document is used by Records Maintenance.

27I2.2. Output Destination. Records Maintenance terminal or Computer Operations/main system.

27I2.3. Input. See Input Format - FIS Load/Change/Delete ([Attachment 27I-1](#)).

27I2.4. Output Format.

Table 27I2.1. ISG Update Notice.

PRINT LINE	POS	FIELD DESIGNATION
1	1-50	Input Image
2	*	See NOTE
3	1-19	1st ISG Record Data
	1-15	1st Stock Number
	16	1st Relationship Code
	17	Blank
	18-19	1st ISG Order Code
	20	Blank
	21-39	2nd ISG Stock Number
	40	Blank
	41-59	3rd ISG Stock Number
	60	Blank
	61-79	4th ISG Stock Number
	80	Blank
4	1-80	5-8 ISG Record Data
5	1-80	9-12 ISG Record Data
6	1-80	13-16 ISG Record Data
7	1-80	17-20 ISG Record Data
8	1-80	21-24 ISG Record Data

NOTE:

Inputs created by a program will contain the phrase INPUT CREATED BY (input TRIC) PROCESSING.

ATTACHMENT 27I-3

ISG/D043B METHOD OF GROUPING

27I3.1. Purpose. To illustrate the association between the AFMC D043B method of grouping and the base level method. Examples are included to help you modify ISG to meet local conditions. **CAUTION:** Whenever the text and an attachment give conflicting information about a subject, use the information from the text. To completely understand a process, reference the text; attachments may contain only partial information.

EXAMPLE 1:

This example represents the changes made by the AFMC D043B ISG Update processing (program NGV404). Part one represents the BVS/BDS inputs. These inputs show the same information as contained in the SL-ISG. Part two is the ISG grouping for items with ERRCD XD(x) or XF3. Part three is for equipment items. Part four is for ERRCD XB3 items. Groupings indicated illustrate ISG relationships, considering management data, is compatible. If these management data are not compatible with the master, the item will be loaded to the base level ISG as a substitute instead of an interchangeable.

Notice that the first position of the AFMC subgroup code is not used in base level processing. The second position is stored as the item record ISG source code. The third position (parts preference code) is stored as the item record parts preference code.

An item record for the AFMC master item is loaded under program control when the items in the group have ERRCD XD(x) or XF3.

Items with a numeric parts preference code are not loaded as the master items. If all other items in the group--except the AFMC master--contain a numeric parts preference code, the AFMC master will be loaded under program control.

Items in the base level ISG with a numeric parts preference code of 3 or 9 are changed to substitute items. Demand data for these items are transferred to the replacing item under program control.

ATTACHMENT 27J-1

FREEZE CODE LOAD OR DELETE (FFC)

27J1.1. Purpose. To add or delete a freeze code on an item record.

27J1.2. Input Restrictions. May be input at any terminal, based upon the user's ID/password.

27J1.3. Output. See Freeze Code Load or Delete Notice ([Attachment 27J-2](#)).

27J1.4. Input Format and Entry Requirements (SCREEN FFC/209).

Table 27J1.1. Input Format and Entry Requirements.

POS	NO POS	FIELD DESIGNATION	REMARKS/NOTES
1-3	3	Transaction Identification Code	FFC
4	1	Action Code	Note 1
5-6	2	Blank	
7	1	Freeze Code	Note 2
8-22	15	Stock Number	Note 3
23-24	2	System Designator	Note 4
25-27	3	Blank	Note 5
28-80	53	Blank	Note 6

NOTES:

- 1.Action code must be either D (for delete) or L (for load).
- 2.Freeze code must be A, E, L, Q, R, or S on both load and delete. (The freeze code may be C or I for type stock record account code P item records.)
- 3.Enter the stock number of the item record on which the freeze code should be loaded or deleted.
- 4.Enter the system designator of the item record on which the freeze code should be loaded or deleted. If the input is from a satellite terminal, it must contain a system designator equal to the system designator assigned to that satellite account.
- 5.Positions 25-27 are used for program interface.
- 6.This field may be used for local control purposes to identify the individual who input the FFC, the reason for the input, the document number necessitating the input, or other desired information. The first 14 positions of this field will be printed in the mark-for field of the DO6. The program will not edit this field for data.

ATTACHMENT 27J-2

FREEZE CODE LOAD OR DELETE NOTICE

27J2.1. Purpose. To indicate that an FFC input has been processed successfully.

27J2.2. Output Destination. Pseudo or any terminal based on user-ID.

27J2.3. Input. See Freeze Code Load or Delete ([Attachment 27J-1](#)).

27J2.4. Output Format.

Table 27J2.1. Output Format.

LINE	POS	FIELD DESIGNATION	SOURCE/NOTES
1	1-80	Input Image	Input Format
2	1-5	Date of Last Transaction	Item Record/Note 1
	7-12	Serviceable Balance	Item Record/Note 1
	15-20	Quantity Recorded on WRM Spares (W) Detail Record	Detail Record(s)/Note 1
	22-45	Nomenclature	Item Record/Note 1
	47-57	Warehouse Location	Item Record/Note 1
	59-61	ERRCD	Item Record/Note 1
	63-67	Date of Last Inventory	Item Record/Note 1
	69-78	Unit Price	Item Record/Note 1
	80	Controlled Item Code	Item Record/Note 1
3	1-17	Action Line	Program Constants/Note 2
4	1-46	DATE XXXX TIME XXXX.XX LAST TRANS SER NR XXXXXX	Program Constants

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NOTES:

1. These data are printed only when the freeze code is Q and the action code is L.
2. The following information applies:
 - a. If the system designator is 01 and the input is Computer Operations/main system, the suspense copy will be printed on the appropriate terminal based on freeze code.
 - b. If the input is from a satellite, all FFC load or delete actions will be output to the proper satellite.

ATTACHMENT 27K-1

CONTROLLED ITEM CODE CHANGE (ISC)

27K1.1. Purpose. To change the item record controlled item code.

27K1.2. Input Restrictions. May be input from any terminal based upon user-ID/password.

27K1.3. Output. See [Section 27K](#). See Warehouse Change Notice ([Attachment 27K-2](#)).

27K1.4. Input Format and Entry Requirements (SCREEN 1SC/210).

AFMAN 23-110 Volume 2**Part 2, Chapter 27****Table 27K1.1. Controlled Item Code Change (1SC).**

POS	NO POS	FIELD DESIGNATION	REMARKS/NOTES
1-3	3	Transaction Identification Code	1SC
4-7	4	Blank	
8-22	15	Stock Number	
23-24	2	System Designator	System designator will be used only to indicate input CIC U and/or (*).
25-31	7	Blank	
32	1	Controlled Item Code	Must be alpha/numeric or \$.
33-80	48	Blank	

ATTACHMENT 27K-2

WAREHOUSE CHANGE NOTICE

27K2-Section A—WAREHOUSE CHANGE NOTICE.

27K2.1. Purpose. To document a change in the controlled item code for item records that have a serviceable balance and/or warehouse location. Storage and Issue personnel will process this document see chapter 14.

27K2.2. Output Destination. Applicable warehouse/satellite terminal or Computer Operations/main system. Forward output to Storage.

27K2.3. Input. See Controlled Item Code Change ([Attachment 27K-1](#)).

27K2.4. Output Format.

Table 27K2.1. Warehouse Change Notice.

PRINT LINE	POS	FIELD DESIGNATION
1	1-80	Input Image
2	1-3	Item Record ERRCD
	5-6	Item Record System Designator
	8-22	Item Record Stock Number
	50-61	WHSE CHG DOC
	64-77	Document Number
3	1-11	Warehouse Location
	17-41	CONT/ITM CODE FROM X TO X
	44-52	Transaction Date and Serial Number
	54-65	TIME XXXX:XX
	67-72	Serviceable Balance
4	17-36	APPROVED/DISAPPROVED
5	12-17	SIGNED
6	17-31	CHIEF MS&D

NOTE:

Lines 4 through 6 are only printed when the controlled item code is changed from a classified code to an unclassified code.

27K2-Section B—CONTROLLED ITEM CODE CHANGE (ISC) OUTPUT FORMAT (DOT MATRIX 1348-1A).

27K2.5. Purpose. To provide an output when the controlled item code changes and the item record has a serviceable balance and/or warehouse location. Storage and Issue personnel processes the document as outlined in chapter 14.

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27K2.6. Output Destination. Warehouse/satellite terminal or Computer Operations/main system.

27K2.7. Input. See 1SC Input ([Attachment 27K-1](#)).

27K2.8. Output Format. This format is produced if 001-TYPE-FORM-FLAG is equal to an A or a B.

Table 27K2.2. 1SC Output Format.

LOCATION ON IRRD BLOCK	LINE	POS	MAXIMUM LENGTH	TEXT/DESCRIPTION	REMARKS
PP (1-3)	4	1-3	3	Constant (1SC)	
17 Bottom	19	77-79	3	ERRCD	
24 Line 3	10	3-42	40	Stock Number (Bar Code)	Note 1
24 Line 6	13	16-30	15	Stock Number	
25 Line 1	17	11-21	11	Warehouse Location	
25 Line 4	21	10-24	15	Stock Number	
26 Line 1	28	19	1	Change From CIC	
26 Line 1	28	24	1	Change To CIC	
26 Line 1	28	50-59	10	Serviceable Balance	
26 Line 3	30	5-42	38	CHIEF MS&D Signature/ Approval Block	Note 2
27 Line 2	35	44-79	36	NEW WHSE LOC:_____	Constant
27 Line 4	37	3-32	30	Transaction Date/Serial Number (Bar Code)	Note 1
27 Line 4	37	44-79	36	WHSED/SIGN-DATE:_____	Constant
27 Line 6	39	7-16	10	Transaction Date/Serial Number	
27 Line 6	39	22-31	10	Date/Time	
27 Line 6	39	44-79	36	INSPECTOR:_____	Constant

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NOTES:

- 1.Bar coded entities will appear only if 001-TYPE-DEVICE is equal to 028.
- 2.The Chief, Material Storage and Distribution signature/approval block will only be printed for changes from a classified CIC to one that is sensitive, pilferable, or unclassified.

27K2-Section C—CONTROLLED ITEM CODE CHANGE (ISC) OUTPUT FORMAT (LASER 1348-1A).

27K2.9. Purpose. To provide an output when the controlled item code changes and the item record has a serviceable balance and/or warehouse location. Storage and Issue personnel processes the document as outlined in chapter 14.

27K2.10. Output Destination. Warehouse/satellite terminal or Computer Operations/main system.

27K2.11. Input. See ISC Input ([Attachment 27K-1](#)).

27K2.12. Output Format. This format is produced if 001-TYPE-DEVICE is equal to 37.

Table 27K2.3. Output Format.

LOCATION ON IRRD BLOCK	LINE	POS	MAXIMUM LENGTH	TEXT/DESCRIPTION	REMARKS
PP (1-3)	4	1-3	3	Constant (ISC)	
17 Bottom	15	77-79	3	ERRCD	
24 Line 3	10	3-42	40	Stock Number (Bar Code)	
24 Line 5	12	16-30	15	Stock Number	
25 Line 1	14	11-21	11	Warehouse Location	
25 Line 4	17	10-24	15	Stock Number	
26 Line 1	21	19	1	Change From CIC	
26 Line 1	21	24	1	Change To CIC	
26 Line 1	21	50-59	10	Serviceable Balance	
26 Line 3	23	5-42	38	Chief, MS&D Signature/ Approval Block	Note
27 Line 2	27	44-79	36	NEW WHSE LOC:_____	Constant
27 Line 4	29	3-32	30	Transaction Date/Serial Number (Bar Code)	
27 Line 4	29	44-79	36	WHSED/SIGN-DATE:_____	Constant
27 Line 6	31	7-16	10	Transaction Date/Serial Number	
27 Line 6	31	22-31	10	Date/Time	
27 Line 6	31	44-79 36		INSPECTOR:_____	Constant

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NOTE:

The Chief, Material Storage and Distribution signature/approval block will only be printed for changes from a classified CIC to one that is sensitive, pilferable, or unclassified.

ATTACHMENT 27K-3

MEMO DIFM NOTICE

27K3.1. Purpose. To notify Repair Cycle Support that the controlled item code has been upgraded on a memo due-in from maintenance detail.

27K3.2. Output Destination. Satellite terminal, Reparable Processing Center terminal, or Computer Operations/main system.

27K3.3. Input. See Controlled Item Code Change ([Attachment 27K-1](#)).

27K3.4. Output Format.

Table 27K3.1. Memo DIFM Notice Output Format.

PRINT LINE	POS	FIELD DESIGNATION	REMARKS/NOTES
1	1-80	Input Image	
2	1-15	Stock Number	
	17-18	System Designator	
	20-24	Quantity	Note
	26	Type Detail	
	28-41	Document Number	
	43	Demand Code	
	45-47	DIFM Status Code	
3	1-27	MEMO DIFM NOTICE/FWD TO RPC	
	29-54	CONT/ITM CODE FROM X TO X	
	56-65	Transaction Date and Serial Number	
	67-78	TIME XXXX:XX	

NOTE:

This quantity will be from DIFM details or DIFM unserviceable details.

ATTACHMENT 27K-4

DOCUMENT FLOW FOR CONTROLLED ITEM CODE CHANGE

27K4.1. Records Maintenance Activities Without Terminals.

- 27K4.1.1. Create ASCII (text) files of the ISC images on any authorized personal computer program.
- 27K4.1.2. Forward the images to Computer Operations for processing.
- 27K4.1.3. Correct reject conditions and take action on management notices from Computer Operations as necessary (see chapter 7).
- 27K4.1.4. Review the next day's D04 (document register) report for evidence of completed processing. Follow up with Computer Operations on the images not processed.
- 27K4.1.5. Make applicable entry in the stock number directory when processing is completed.

27K4.2. Records Maintenance Activities With Terminal.

- 27K4.2.1. Process the FCL (format number 1 or 2) images on the terminal.
- 27K4.2.2. Correct reject conditions and take action on management notices as necessary, see chapter 7.
- 27K4.2.3. Make applicable entry in the stock number directory when processing is completed.
- 27K4.2.4. Forward the warehouse data change notice to Storage and Issue.
- 27K4.2.5. Forward the memo DIFM notice to Repair Cycle Support. See Warehouse Change Notice ([Attachment 27K-2](#)).

27K4.3. Storage and Issue. Process the warehouse change notice (see chapter 14).

27K4.4. Repair Cycle Support. Process the memo DIFM notice (see chapter 24).

27K4.5. Document Control. Match the action copy of the notice with the suspended document control copy. Verify the accuracy and completeness of the transaction.

27K4.6. Custodians/Supply Point/MRSP/MSK/WRM Monitors. See chapter 20, [section 20A](#). Inventory will be advised on when controlled item codes that are upgraded (i.e., unclassified to classified, pilferable to sensitive, etc.).

ATTACHMENT 27K-5

DESCRIPTION OF CONTROLLED ITEM CODES

27K5.1. Assignment of Codes.

27K5.1.1. Purpose. The following codes are used for inventory items designated as having characteristics that require they be identified, accounted for, secured, segregated, or handled in a special manner to ensure their safeguard or integrity. See DoD 4100.39-M, Vol 10, Table 61 for complete list and Controlled Inventory Item Code definitions.

27K5.1.2. Criteria.

27K5.1.2.1. Degree of control required. Controlled inventory item codes (CIIC) are ranked in descending order (classified, sensitive, pilferable, local management) according to the degree of control normally required for each item.

27K5.1.2.2. Maximum assignment warranted. The code assigned an item indicates the highest degree of control required, when an assignment is necessary at all.

27K5.2. Change of Codes. Air Force item managers may reassign a code more suited to Air Force management needs to items obtained from other services or DLA or GSA that were previously assigned codes of J (items requiring special control to prevent pilferage but which do not meet the definition of other pilferage codes) or U (unclassified items).

27K5.3. Codes and Explanations.

27K5.3.1. Classified Items. The codes for classified items indicate that the materiel requires protection in the interest of national security.

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Table 27K5.1. Codes and Explanations.

CODE	EXPLANATION
A	Confidential--Formerly restricted data
B	Confidential--Restricted data
C	Confidential
D	Confidential--Cryptologic
E	Secret--Cryptologic
F	Top secret--Cryptologic
G	Secret--Formerly restricted data
H	Secret--Restricted data
K	Top secret--Formerly restricted data
L	Top secret--Restricted data
O	Item contains naval nuclear propulsion information. Disposal and access limitations are identified in NAVSEAINST 5511.32. CAUTION: Store and handle in a manner that will prevent unauthorized access to this material.
Q	Drugs Controlled. A drug or other controlled substance designated as a Schedule III, IV, or V item, in accordance with the Controlled Substance Act of 1970. Other sensitive items requiring limited access storage.
S	Secret
T	Top secret

27K5.3.2. Sensitive Items. The codes for sensitive items indicate that the materiel requires a high degree of protection and control due to statutory requirements or regulations. Items coded as sensitive include the following: narcotics and drug abuse items; precious metals; items that are of high value, or of a highly technical or hazardous nature; and small arms, ammunition, and explosives and demolition material.

Table 27K5.2. Codes and Explanations.

CODE	EXPLANATION
1	Highest Sensitivity (Category I)--Non-nuclear missiles and rockets in a ready-to-fire configuration (e.g., Hamlet, Red-eye, Stinger, Dragon, LAW, Viper) and explosive rounds for non-nuclear rockets. NOTE: This category also applies when the launcher (tube) and the explosive rounds, though not in a ready-to-fire configuration, are jointly stored or transported
2	High Sensitivity (Category II)--Arms, ammunition, and explosives
3	Moderate Sensitivity (Category III)--Arms, ammunition, and explosives
4	Low Sensitivity (Category IV)--Arms, ammunition, and explosives
5	Highest Sensitivity (Category I)--Arms, ammunition, and explosives with a physical security classification of Secret
6	Highest Sensitivity (Category I)--Arms, ammunition, and explosives with a physical security classification of confidential
8	High Sensitivity (Category II)--Arms, ammunition, and explosives with a physical security classification of confidential
9	Controlled cryptographic item or CCI. QA drug or other controlled substance designated as a schedule III, IV, or V item in the Controlled Substance Act of 1970. Code Q also includes other sensitive items requiring limited access storage.
R	Precious metals, a drug, or other controlled substances designated as a schedule I or II item in the Controlled Substance Act of 1970. Code R also includes other selective sensitive items requiring storage in a vault or safe.
Q	Drugs--Controlled.
\$	This code identifies nuclear weapons use control (UC) ground equipment which is CIIC unclassified but may require special controls. Use control group equipment is described as recorders, verifiers, adapters, power supplies, cables, programmers, monitors, controllers, code processors, power converters, computers, and data modules which perform a nuclear weapon use control function.

NOTES:

1. Items 5, 6, and 8 will be stored and transported according to DOD 5100.76-M or DOD 5200.1-R, Information Security Program, depending on which provides the greater amount of control.
2. The following sensitive items require a high degree of protection and physical inventory. The DOD components are expected to include additional items that are determined to require a similar degree of control.
 - a. Drug abuse items
 - b. Precious metals
 - c. Hazardous items
 - d. Arms:
 - (1) Handguns
 - (2) Shoulder-fired weapons
 - (3) Light automatic weapons up to and including .50 caliber machine guns
 - (4) Recoilless rifles up to and including 106mm
 - (5) Mortars up to and including 81mm
 - (6) Rocket launchers man portable
 - (7) Grenade launchers, rifle- and shoulder-fired
 - (8) Individually operated weapons that are portable or can be fired without special mounts or firing devices have potential use in civil disturbances, and are vulnerable to theft.
 - e. Ammunition:
 - (1) Ammunition for weapons listed above
 - (2) Bulk explosives
 - (3) Anti-tank and anti-personnel land mines
 - (4) Handgrenades
 - (5) Demolition charges and related items: blasting caps, detonating cords, safety fuses, detonators, destructors, primers, firing devices, squibs, igniters, demolition kits, explosive kits, etc.
 - (6) Fuses
 - (7) Boosters
 - (8) Supplementary charges (not assembled to end items)
 - (9) Explosive bolts, explosive cartridges, and related items
 - (10) Safety and arming devices
 - (11) Incendiary destroyers
 - (12) Fuel thickening compound
 - (13) Riot control agent, bulk, 60-pound package or less
 - (14) Warheads and rocket motors (unpacked weight of 60 pounds or less)
 - (15) Missiles and rockets (unpacked weight of 60 pounds or less)

- (16) End items of conventional and guided missile ammunition (except artillery rounds, bombs, and torpedo's) that have an individual item and its container or total package weight of 60 pounds or less, have potential use in civil disturbances, and are vulnerable to theft.

27K5.3.3. Pilferable Items. The codes for pilferable items indicate that the materiel has a ready resale value and civilian use or application and is, therefore, especially subject to theft. When selecting items to be treated as pilferable, give consideration to the cost of providing controlled storage and handling as opposed to the consequences of potential theft of the items. Consider the following criteria when deciding whether to assign a pilferage code:

27K5.3.3.1. Unit cost. An item should not be coded for worldwide treatment as pilferable unless the unit cost exceeds \$10 and continual losses indicate that the item is subject to theft. **NOTE:** The unit cost criteria may be waived when management determines that losses on an item warrant the expense of additional controls.

27K5.3.3.2. Quantity on hand. The primary wholesale source of an item may impose protective controls if an item is attractive for theft because of the large quantities on hand. But these controls need not be imposed necessarily on assets held in small quantities at secondary sources of supply.

27K5.3.3.3. Further considerations. Before coding an item pilferable at a supply source, consider these questions: Is the item widely used commercially? Would it offer local commercial dealers a quick profit and turnover? Could it be traced as a military item? Does it present special handling, storage, packaging, calibration, conversion, inspection, or matching requirements problems prior to use? Is a special technical knowledge or background necessary to use the item or to obtain an available market for it? **NOTE:** Items managed under classified nuclear ordinance or other specialized control techniques should not be coded as pilferable items.

Table 27K5.3. Code and Explanations.

J	Code J is assigned to items requiring special control to prevent pilferage but which do not meet the definition of any other pilferage code. This may include items of the narcotics paraphernalia type. The coding activity may designate pilferage controls to items having the code U (unclassified) by recording the items as J. Coding activities may reassign one of the following pilferage codes to items previously coded as J or U.
I	Aircraft engine equipment and parts
M	Handtools and shop equipment
N	Firearms
P	Ammunition and explosives
Q	Drugs--Controlled
V	Individual clothing and equipment
W	Office machines
X	Photographer equipment and supplies
Y	Communication/Electronic equipment and parts
Z	Vehicular equipment and parts

27K5.3.4. Unclassified Items.

Table 27K5.4. Code and Explanations.

U	Unclassified
7	Item assigned a demilitarization code other than A, B, or Q for which another CIC is inappropriate. The loss, theft, unlawful disposition, and/or recovery of an item in this category will be investigated in accordance with DOD 4000.25-1-M and DOD 7200.10-M.

27K5.3.5. Local Management Items. The asterisk (*) is assigned whenever local management determines that items categorized as Unused. (unclassified) are subject to unwarranted losses and thus require additional controls.

Table 27K5.5. Code and Explanation.

CODE	EXPLANATION
9	Controlled cryptographic item or CCI.
(*)	The asterisk (*) is assigned to items subject to unwarranted losses.

ATTACHMENT 27L-1

TRANSPORTATION DATA - LOAD, CHANGE, OR DELETE INPUT (BDT/BVT)

27L1.1. Purpose. To load, change, or delete transportation data on all item records with a stock number equal to the input.

27L1.2. Input Restrictions. None.

27L1.3. Output. None.

27L1.4. Input Format and Entry Requirements (Screens BDT/217 AND BVT/218).

Table 27L1.1. Input Format and Entry Requirements.

POS	NO POS	FIELD DESIGNATION	REMARKS/NOTES
1-3	3	Document Identifier Code	BDT transportation data changes) or BVT (response to interrogation)
4-7	4	Blank	
8-22	15	Stock Number	
23-26	4	Blank	
27-31	5	As-of-date	Note 2
32-37	6	National Motor Freight Classification (NMFC) Code	A number in the NMFC guide that identifies the description of articles applicable to the NSN, note 3(1).
38	1	NMFC Freight Rating Code/Blank	Denotes the percentage of a first class rating applicable for the shipment of the NSN
39-40	2	Type Cargo Code	Denotes the category (type of cargo) to which an item is assigned, note 3(1).
41-62	22	Blank	
63	1	ALC Prime Site Code/Blank	Notes 3(1),(4)
64	1	SPI Indicator/Foam-in-Place Code/Blank	Notes 3(1),(2), (3), (4)
65-69	5	SPI Ordinal Date	Notes 3(1), (4)
70	1	Blank	
71-79	9	SPI Number/Blank	Notes 1, 3(1), (2), (3), (4)
80	1	Blank	

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NOTES:

1. May be blank on locally prepared inputs.
2. Must be blank on locally prepared inputs.
3. Enter data to be loaded on the item record.
 - a. Blank fields in the input will blank corresponding fields on the item record.
 - b. Special handling of the use of T in position 64 is provided by the program.
 - c. If position 64 equals T, the program will look for an SPI number in positions 71-79 to load to the item record. SPI loads must have a T in position 64 and correct SPI entered in positions 71-79. This field must be zero filled. **EXAMPLE:** If SPI number is 1234567, then enter 001234567.
 - d. ALC prime site code and SPI ordinal date fields must not be blank for SPI load or changes.
4. T = SPI Indicator.

L = Locally assigned reusable container code. Use only for items with JB(X) RIC.
F = Foam-in-place (flexible)
R = Foam-in-place (rigid)
S = Foam-in-place (semi-rigid).

ATTACHMENT 27L-2

TRANSPORTATION DATA LOAD, CHANGE, OR DELETE NOTICE

27L2.1. Purpose. To provide a notice resulting from a BDT or BVT input. **NOTE:** F999 reject notices denote Transportation action is required, and it will be output to and input device to be forwarded to the appropriate TMO.

27L2.2. Output To. Notice of processing (F116) is provided to the input function whose records are affected; that is, satellite A1 having an item record loaded will receive a notice via remote A1444 to be forwarded to their TMO.

27L2.3. Output Format (SPI DATA).

Table 27L2.1. Output Format.

PRINT LINE	NO POS	FIELD DESIGNATION	SOURCE
1	1-80	Input Image	Input
2	1-53	Constant Phrase	Program
3	1-75	F116 MGT Phrase	Program (Note 1)
4	1-55	Replaced SPI	Item Record (Note 2)
5	1-69	Replaced Action	Program (Note 3, 4)

NOTES:

- 1.Type data identification. These are constant and will printed on each document for which SPI action is required.
- 2.This phrase is uniquely constructed to portray the type of SPI action being processed. Included is the applicable phrase NEW SPI, CHANGE SPI, or CHANGE DATE, the SPI number, AFMC SPI manager, stock number, and Ordinal date the SPI was effective. The absence of an effective Ordinal date indicates input came from a SBSS item record load.
- 3.This line will be printed only if an existing SPI on the item record is being replaced with another SPI number. It indicates the losing SPI number.
- 4.Denotes action is required and provides the SRAN for which the SPI applies.

ATTACHMENT 27M-1

**APPLICATION CODE/PRECIOUS METALS INDICATOR CODE/AUTOMATED DATA PROCESSING EQUIPMENT CODE/
HAZARDOUS MATERIEL IDENTIFICATION CODE/AFTO FORM 95 CODE LOAD/CHANGE/DELETE (1AP)**

27M1.1. Purpose. To load, change, or delete item record application code and/or munitions reportability code. To provide the NATO Airborne Early Warning (NAEW) E-3A Component the means to load, change, or delete budget line code.

27M1.2. Input Restrictions. Any terminal, based on user ID/password.

27M1.3. Output. If the input is through a terminal, an input accepted notice is provided. For NAEW E-3A Component, when a budget line code is changed, a TTPC 3U transaction history record will be built and printed on the Y portion of the Daily Document Register (DO4).

27M1.4. Input Format and Entry Requirements (SCREEN 1AP/231).

Table 27M1.1. Input Format and Entry Requirements.

POS	NO POS	FIELD DESIGNATION	REMARKS/NOTES
1-3	3	Transaction Identification Code	1AP
4-5	2	Application/Budget Line Code	Notes 1, 6
6-7	2	Blank	
8-22	15	Stock Number	
23-24	2	System Designator Required	
25	1	Precious Metals Indicator Code (PMIC)	Notes 2, 6
26	1	Automated Data Processing Equipment Code (ADPE)	Notes 3, 6
27	1	Hazardous Materiel Identification Code (HMIC)	Notes 4, 6
28	1	AFTO Form 95 Code	Notes 5, 6
29-80	52	Blank	

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NOTES:

1. An asterisk (*) in position 5 causes the application code to be deleted from the item record. For NAEW E-3A Component, leave position 4 blank and enter applicable budget line code in position 5. Position 5 cannot be blank or other than numeric 0-9 or alpha A-Z when input is applicable to budget line code.
2. An asterisk (*) in position 25 will cause the PMIC code to be deleted from the item record for L and P stock numbers.
3. An asterisk (*) in position 26 will cause the ADPE code to be deleted from the item record for L and P stock numbers. Refer to **volume I, part four, chapter 1, attachment 57**, for ADPE codes.
4. An asterisk (*) in position 27 will delete the HMIC code from the item record for L and P stock numbers. See **Attachment 27M-2** for applicable codes.
5. Valid AFTO Form 95 codes are X, Y, and Z. Leave blank if not applicable. An asterisk (*) in position 28 will delete the code from the item record for L and P numbers.
6. Only one code may be added/changed/deleted per input.

ATTACHMENT 27M-2

HAZARDOUS MATERIEL IDENTIFICATION CODES (HMIC) DEFINITIONS

27M2.1. Purpose. To identify known or suspected hazardous items. The HMIC code (1-position A) is maintained on the item record.

27M2.2. Codes and Explanation.

Table 27M2.1. Codes and Explanation.

HMIC CODE	DEFINITION
Y	Indicates information is in the Hazardous Materiel Information System (HMIS).
D	Indicates there is no information in the HMIS; however, the NSN is in an FSC in Table I of Federal Standard 313 and a Materiel Safety Data Sheet (MSDS) should be available to the user.
P	Indicates there is no information in the HMIS; however, the NSN is in an FSG in Table II of Federal Standard 313 and an MSDS may be required by the user. The requirement for an MSDS is dependent on a hazard determination of the supplier or the intended end use of the product.
N	Indicates there is no data in the HMIS and the NSN is in an FSC not generally suspected of containing hazardous materiel.

ATTACHMENT 27M-3

PRECIOUS METALS INDICATOR CODE (PMIC)

27M3.1. Purpose. To identify the type of precious metal contained in defense materiel items.

27M3.2. Assignment (1-POSITION A). The precious metals indicator code maintained on the item record.

27M3.3. Codes and Explanation.

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Table 27M3.1. Codes and Explanation.

PMIC	TYPE OF PRECIOUS METAL
A	Item does not contain precious metal.
U	Precious metal type is unknown.
V	Precious metal type varies between manufacturers.
S	Item contains silver.
G	Item contains gold.
P	*Item contains platinum family metal.
C	Item contains combination silver and/or gold and/or platinum.

NOTE:

The platinum family includes platinum, palladium, iridium, rhodium, osmium, and ruthenium.

ATTACHMENT 27N-1

**STANDARD REPORTING DESIGNATOR (SRD) - LOAD, CHANGE, DELETE, OR INQUIRY
(1SR)**

27N1.1. Purpose. To load, change, delete, or inquire the standard reporting designator record.

27N1.2. Input Restrictions. Any host base and satellite terminal.

27N1.3. Output. Rejects for invalid, loaded, or not loaded standard reporting designator.

27N1.4. Input Format and Entry Requirements (SCREEN 1SR/202).

Table 27N1.1. Input Format and Entry Requirements.

POS	NO POS	FIELD DESIGNATION	REMARKS/NOTES
1-3	3	Transaction Identification	1SR
	Code		
4	1	Action Code	L, C, D, or I
5-7	3	Standard Reporting Designator	Alpha/Numeric (only)
8	1	MICAP Flag	Note
9-80	72	Blank	

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NOTE:

On loads or changes, the MICAP flag cannot be blank. It must contain a Y for MICAP reportable or an N for non-MICAP reportable.

ATTACHMENT 27O-1

FSC/MMC INTERROGATION (BVA)

27O1.1. Purpose. To be transmitted to AFMC for input to the D046 system for interrogation of a single FSC or MMC or the entire FSC/MMC file.

27O1.2. Output Destination. Computer Operations/main system.

27O1.3. Input. See FSC/MMC Record Load, Change, or Delete (BVL/BDL) ([Attachment 27O-2](#)).

27O1.4. Format and Entry Requirements.

Table 27O1.1. Format and Entry Requirements.

POS	NO POS	FIELD DESIGNATION	REMARKS/NOTES
1-3	3	Document Identifier Code	BVA
4	1	Input Code	Note 1
5-6	2	Blank	
7	1	Type of Media Code	Note 2
8-11	4	FSC or MMC	Note 3
12-24	13	Blank	
25-30	6	SRAN (FBxxxx)	
31-35	5	Preparation Date	Date format YYDDD
36-80	50	Blank	

NOTES:

- 1.Enter a T for a total FSC and/or MMC record data request, or an I for a single FSC and/or MMC data request.
- 2.The following is a list of type or media codes (see [volume 1, part 4, attachment 61](#)).

A—Transaction images to be transmitted by ADRSS

C—Transaction images to be transmitted in punch card format

L—Listing of transaction history to be mailed

T—Transaction images to be transmitted by magnetic tape

3. For MMC, use positions 8-9 and leave positions 10-11 blank.

ATTACHMENT 27O-2

FSC/MMC RECORD LOAD, CHANGE, OR DELETE (BVL/BDL)

27O2.1. Purpose. To load, change or delete FSC and/or MMC records. These inputs are received from AFMC.

27O2.2. Input Restrictions. May be input through any host base terminal.

27O2.3. Output. 048 management notice only for load or change on an MMC record. See chapter 7.

27O2.4. Input Format and Entry Requirements (SCREENS BDL/206 AND BVL/207).

Table 27O2.1. Input Format and Entry Requirements.

POS	NO POS	FIELD DESIGNATION	REMARKS/NOTES
1-3	3	Document Identifier Code	BVL/BDL
4-5	2	MMC	Note 1
6-9	4	FSC	Note 1
10	1	Action Code	Note 3
11-13	3	Routing Identifier Code of Current AF Item Manager	Note 1
14-16	3	Routing Identifier Code of Current DLA/GSA IM	Note 1
17	1	Judgment Code	Note 4
18	1	Validation Code	Note 2
19-26	9	Blank	
27-31	5	Date	
32-80	49	Blank	

NOTES:

1. These fields will be blank if not required to establish a record or to change an existing record. On deletes, no entries are required after position 10.
2. After validation, enter R in position 18 with the reinput of BVL/BDL. This field is required only when loading or changing a MMC record. If the MMC is not used, no action is required.
3. Valid action codes for BVL are blank to load and D to delete. Valid action codes for BDL are A to add and D to delete.
4. BDL action and judgment codes are used as follows when BDL action code is A:

V	Valid
M	Valid (FSC requires MMAC)
D	Authorized for current and continuing application but no longer valid for establishment of new stock number entering the federal cataloging system
C	Custodial
5. When BVL action code is blank, the judgment code requirement is the same as for BDL.

ATTACHMENT 27O-3

FSC/MMC RECORD/INPUT CODES

27O3.1. Purpose. To provide the responsible AFMC IM and DLA/GSA Supply Center with codes used by reporting programs to route reports for the FSC/MMC. See [volume 1, part 2, chapter 3](#) for detailed descriptions of the codes.

27O3.2. AFMC IM.

Table 27O3.1. Codes and Meanings.

CODE	MEANING
Blank	AFMC IM not assigned or known.
*	The FSC must be associated with a specific MMC to determine the AFMC IM; none of the following codes apply.
C	AFCD (AF Cryptologic Division FX7030)
G	Ogden ALC
5	Ogden ALC (Air Munitions)
H	Oklahoma City ALC
L	Warner Robins ALC
N	HQ AFMC (AFMC)

Table 27O3.2. Center Codes and Meaning.

CENTER CODE	MEANING
Blank	DLA Supply Center Code not assigned or known.
C	Defense Supply Center Columbus (DSCC)
E	Defense Supply Center Columbus (DSCC)
G	Defense Supply Center Richmond (DSCR)
I	Defense Supply Center Philadelphia (DSCP)
M	Defense Support Center Directorate of Medical Materiel
R	Defense Industrial Plant Equipment Center

Table 27O3.3. Center Codes and Meaning.

CENTER CODE	MEANING
S	Defense Personnel Support Center Directorate of Subsistence
T	Defense Personnel Support Center Directorate of Clothing and Textile (DSCP)
Z	US Army Tank - Automotive Command
O	GSA has procurement support responsibilities

ATTACHMENT 27P-1

SHIPPING DESTINATION RECORD - LOAD OR CHANGE INPUT NUMBER 1 (FRD)

27P1.1. Purpose. To load or change the first part of a shipping destination record.

27P1.2. Input Restrictions. Any terminal based on user ID/password.

27P1.3. Output. See Shipping Destination Record - Load or Change Notice ([Attachment 27P-3](#)).

27P1.4. Input Format and Entry Requirements (SCREEN FRD1/214).

Table 27P1.1. Input Format and Entry Requirements.

POS	NO POS	FIELD DESIGNATION	REMARKS/NOTES
1-3	3	Transaction Identification Code	FRD
4-9	6	Ship-to Account Code	Note 3
10-17	8	Blank	
18-20	3	Routing Identifier Code (RIC)	Note 3
21	1	PPMR Flag	Note 1
22-26	5	Blank	
27-44	18	Depot/Contractor Name	Note 2
45-50	6	Blank	
51-56	6	Accountable Account Number	Note 2
57-63	7	Blank	
64	1	Shipping Document Flag	Note 4
65	1	Shipment Suspense Details Suppressed Code	Note 5
66	1	Activity Located Together With Other Accounts	Note 6
67	1	Blank	
68	1	Reason Loaded Code	Note 7
69-78	10	Blank	
79	1	Format Identification Code	Constant 1
80	1	Action Code	L = Load, C = Change

NOTES:

1. Enter a 1 to load/change the prepositioned materiel receipt (PPMR) flag. This will enable the shipment programs to determine whether a DWA (PPMR) input is required for unserviceable shipments. Enter an asterisk (*) in this position to delete the PPMR flag as required. If the PPMR flag is one (position 21), you must enter a RIC in positions 18-20.
2. Enter data to be stored on the shipping destination record. If no change is required, leave the field blank. Blank data fields on inputs will be ignored and will not alter existing record data.
3. Under program control, the RIC will be loaded as spaces if the first two positions of the ship-to-account-code are EZ or EY. The ship-to-account-code must have data, but the RIC can be blank unless the PPMR flag is 1, then you must insert a RIC. If a RIC is input, an RDC will automati-

cally process to add the RIC/SRAN to the 013 record RID/DODAAC Conversion). If the RIC is not inserted, it will be necessary to process an RDC. The RIC will appear as blanks on the shipping destination record and on the R08, Shipping Destination Record Listing, for new loads. To load a SRAN for CSS, use the shipping identifier (such as FRC) followed by three zeroes (FRC000).

4. Enter 1 to load the flag on the shipping destination record. This will direct the shipment program to produce one book of shipping documents. Leave blank for no change (see chapter 15). Enter an asterisk (*) to delete the flag.
5. Enter a 1 to load shipment suspense detail flag on the shipping destination record. This will direct the shipment program not to produce a shipment suspense detail record. Leave blank for no change (see chapter 15, [section 15A](#)). Enter an asterisk (*) to delete the shipment suspense detail flag.
6. Enter a 1 to load the flag on the shipping destination record. This will indicate to the shipment program that this activity is located together with other accounts. Leave blank for no change (see chapter 15, [section 15A](#)). Enter an asterisk (*) to delete the flag.
7. Cannot be blank on action code L (new load) input. Valid codes are A - AFMC directed, C - MAJCOM directed, and L - locally assigned. Can be blank or changed using 1C format.

ATTACHMENT 27P-2

SHIPPING DESTINATION RECORD - LOAD OR CHANGE INPUT NUMBER 2 (FRD)

27P2.1. Purpose. To load or change the second part of a shipping destination record.

27P2.2. Input Restrictions. Any terminal based on user ID/password.

27P2.3. Output. See Shipping Destination Record - Load or Change Notice ([Attachment 27P-3](#)).

27P2.4. Input Format and Entry Requirements (SCREEN FRD2/215).

Table 27P2.1. Input Format and Entry Requirements.

POS	NO POS	FIELD DESIGNATION	REMARKS/NOTES
1-3	3	Transaction Identification Code	FRD
4-9	6	Ship-to Account Code	Of record to be loaded/changed
10-17	8	Blank	
18-20	3	Routing Identifier Code	Of record to be loaded/changed. Positions may be blank.
21-44	24	Street Address	Note 1
45-62	18	Installation or City	Note 1
63-67	5	State or Country Abbreviation	Note 1
68-76	9	ZIP Code	Notes 1, 2
77-78	2	Blank	
79	1	Format Identification Code	Constant 2
80	1	Action Code	L = Load, C = Change

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NOTES:

1. Enter the desired data to be loaded or changed beginning with the first position of each field. The 2L format must have data in positions 21-76. Blank fields in positions 21-76 of the 2L, 2C formats will be ignored.
2. If the last four positions of the zip code are unknown, fill them with zeros.

ATTACHMENT 27P-3

SHIPPING DESTINATION RECORD - LOAD, CHANGE, OR DELETE REJECT NOTICE

27P3.1. Purpose. To provide a reject notice resulting from an FRD input.

27P3.2. Output Destination. Records Maintenance terminal or Computer Operations/main system.

27P3.3. Input. See Shipping Destination Record - Load or Change Number 1 ([Attachment 27P-1](#)), number 2 ([Attachment 27P-2](#)), and Shipping Destination Record Deletion (FRD) Input ([Attachment 27P-5](#)).

27P3.4. Output Format.

Table 27P3.1. Output Format.

PRINT LINE	NO POS	FIELD DESIGNATION	REMARKS/NOTES
1	1-80	Input Image	Input
2	1-80	Reject/Action Phrase or X-Line	Program/NOTE
3	1-80	Reject Phrase	Program
4	1-22	FWD TO LGSCD	Program Constant

NOTE:

An X will be printed in the error position or an advice phrase will be provided.

ATTACHMENT 27P-4

SHIPPING DESTINATION RECORD CLEANUP - PROGRAM SELECT (RPT/586)

27P4.1. Purpose. To initiate computer processing of program NGV586, Shipping Destination (Record Cleanup).

27P4.2. Input Restrictions. The program select input must be entered through the Computer Operations/main system during reports mode.

27P4.3. Input Format and Entry Requirements.

Table 27P4.1. Input Format and Entry Requirements.

POS	NO POS	FIELD DESIGNATION	REMARKS/NOTES
1-3	3	Transaction Identification Code	RPT
4-6	3	Program Identifier	586
7-12	6	Blank	
13	1	Option Flag	Note
14-80	67	Blank	Program inserts title based on option flag.

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NOTE:

Enter P for a print listing of all shipping destination records stored on the database; or enter a V for validation of shipping destination records with a print listing of those records recommended for deletion.

ATTACHMENT 27P-5

SHIPPING DESTINATION RECORD DELETION (FRD) INPUT

27P5.1. Purpose. To allow deletion of a shipping destination record.

27P5.2. Input Restrictions. Any terminal based on user ID/password.

27P5.3. Output. See Shipping Destination Record - Load or Change Notice ([Attachment 27P-3](#)).

27P5.4. Input Format and Entry Requirements (SCREEN FRD3/216).

AFMAN 23-110 Volume 2**Part 2, Chapter 27****Table 27P5.1. FRD Input.**

POS	NO POS	FIELD DESIGNATION	REMARKS/NOTES
1-3	3	Transaction Identification Code	FRD
4-9	6	Ship-to Account Code	Note 1
10-17	8	Blank	
18-20	3	Routing Identifier Code	May be blank
21-78	58	Blank	Note 2
79	1	Format Identification Code	Constant 3
80	1	Action Code	D

NOTES:

1. Enter the ship-to account code of the record requiring deletion.
2. This field must remain blank; if it is not, the program will generate an F999 reject notice.

ATTACHMENT 27Q-1

ORGANIZATION COST CENTER RECORD LOAD/CHANGE/DELETE/INQUIRY (ORG 001-099)(FORBAS)

27Q1.1. Purpose. To load, change, delete, or inquiry an organization cost center record (organization code 001 to 099).

27Q1.2. Input Restrictions. May be input through pseudo or terminal based upon the user-ID/password

27Q1.3. Output. No output notices are produced. Input processed notices will appear on the terminal. Reject notices are produced when applicable.

27Q1.4. Input Format and Entry Requirements (SCREEN FORBAS/457).

Table 27Q1.1. Screen FORBAS/457.

POS	NO POS	FIELD DESIGNATION	REMARKS/NOTES
1-3	3	Transaction Identification Code	FOR
4-5	2	Blank	
6-8	3	Organization Code	Note 1
9	1	Action Code	Note 2
10-21	12	Blank	
22-43	22	Organization Title	Note 3
44	1	Blank	
45	1	Force Activity Designator	Note 4
46-48	3	Delivery Destination (On-Base)	Note 5
49	1	Blank	
50-58	9	Zip Code	Notes 6, 15
59-63	5	Blank	
64-85	22	Parcel Post/Freight Address	Notes 7, 15
86-87	2	Major Command Code	Note 8
88-93	6	Satellite SRAN	Note 17
94	1	Satellite Purchasing Capability Flag	Notes 9, 15
95-100	6	SRAN of DRMO Serving Satellite Organization	Note 10
101-121	21	Address of Servicing DRMO	Note 11
122	1	DRMO-TMO Delivery Flag	Notes 12, 15
123	1	Bulk Issue/Line Item Accounting	Notes 15, 16
124	1	DRMO Lot Flag	Notes 13, 15
125	1	M&S Group 1 (B/E Account)	Notes 14, 15
126	1	M&S Group 2 (B/E Account)	Notes 14, 15
127	1	M&S Group 3 (B/E Account)	Notes 14, 15
128	1	M&S Stock (B/E Account)	Notes 14, 15
129	1	M&S Group 1 (K Account)	Notes 14, 15
130	1	M&S Group 2 (K Account)	Notes 14, 15

131	1	M&S Group 3 (K Account)	Notes 14, 15
132	1	M&S Stock (K Account)	Notes 14, 15
133	1	M&S Group 1 (P Account)	Notes 14, 15
134	1	M&S Group 2 (P Account)	Notes 14, 15
135	1	M&S Group 3 (P Account)	Notes 14, 15
136	1	M&S Stock (P Account)	Notes 14, 15

NOTES:

- 1.The organization code field cannot be blank, and it must be 001-099.
- 2.The following information applies:
 - a.L = Load
 - b.C = Change
 - c.D = Delete. This will delete the organization cost center since no financial data exist on organization 001-099.
 - d.I = Inquiry
- 3.This field cannot be blank on a load. The first position (position 22) cannot contain a blank and the field may not contain special characters. If the organization code is 041-049, then the first six positions must contain the satellite stock record account number.
- 4.This field cannot be blank and must contain a number 1 through 5. (See chapter 11, attachment 11A-12 for codes.)
- 5.This field cannot be blank and must contain all alpha/numeric characters.
- 6.Must enter a 9-position numeric field.
- 7.May be blank or contain address starting in position 64. For organization codes 001-099, positions 64-85 will be the address of the materiel element (for example, Sampson AFB NY 00000-0000).
- 8.This field cannot be blank. Enter the 2-position code listed in chapter 3.
- 9.May be blank or contain 1, 2, 3, 4, 5, B, or E.
- 10.It must contain the stock record account number of the Defense Reutilization and Marketing Office (DRMO) serving the satellite. It must contain all alpha/numeric characters.
- 11.On loads, this field must contain the address of the DRMO serving this satellite account.
- 12.Enter a T if the Chief of Supply arranges deliveries to DRMO, otherwise leave blank for Traffic Management Office (TMO) to deliver property to DRMO.
- 13.May be blank or contain a Y.
- 14.Authorized codes are numeric 2 through 7, and alpha B through G, K through P, S through W, or X (reference chapter 9, section 9D).
- 15.Asterisk (*) will blank the appropriate data field.
- 16.Enter B for bulk issue accounting or L for line item accounting.
- 17.Enter the Satellite SRAN when loading organization code 041-049 only; otherwise, leave blank for all others.

ATTACHMENT 27Q-2

ORGANIZATION COST CENTER RECORD LOAD/CHANGE/DELETE/INQUIRY (FORSYS)

27Q2.1. Purpose. To load, change, delete, or inquiry an organization cost center record (organization code 100 to 999).

27Q2.2. Input Restrictions. May be input at any terminal based upon the user-ID/password.

27Q2.3. Output. No output notices are produced. Input processed notices will appear on terminal. Reject notices are produced when applicable.

27Q2.4. Input Format and Entry Requirements (SCREEN #FORSYS/458).

Table 27Q2.1. Input Format and Entry Requirements.

POS	NO POS	FIELD DESIGNATION	REMARKS/NOTES
1-3	3	Transaction Identification Code	FOR
4-5	2	System Designator	Mandatory
6-8	3	Organization Code	Note 1
9	1	Action Code	Note 2
10-21	12	Organization Identification Code	Note 3
22-43	22	Organization Title	Note 4
44	1	Type Organization Code	Notes 5, 23
45	1	Force Activity Designator	Note 6
46-48	3	Delivery Destination (On-Base)	Note 7
49	1	Freeze/Delete Flag Update	Notes 8, 23
50-58	9	Zip Code	Note 23
59	1	Equipment Authorization Flag	Notes 9, 23
60	1	Off Base Flag	Notes 10, 23
61	1	Bench Stock Authorized	Notes 11, 23
62-63	2	Bench Stock Stockage Days	Notes 12, 23
64-85	22	Parcel Post/Freight Address	Notes 13, 23
86	1	Type Maintenance Code	Note 25
87-90	4	ALN of Maint ADS	Note 14
91	1	Bench Stock Override Print Flag	Notes 15, 23
92	1	CAMS- Gang- Nbr	Notes 16, 23
93-95	3	PFMR Code (Supplies)	Note 17
96-98	3	Bench Stock Consolidated Organization Code	Note 23
99-100	2	Bench Stock Consolidated Shop Code	Notes 23
101-106	6	Cost Center Code	Note 18
107	1	Cost System Indicator	Note 26
108-110	3	AWP Delivery Destination	Notes 19, 23
111	1	Maint Unit Ident Code	Notes 20, 23
112	1	FAD Override Indicator	Note 21
113	1	Blank	
114-115	2	Using MAJCOM	Notes 23, 24
116	1	JOCAS Flag	Y OR N
117-126	10	Bench Stock Threshold	Blank or Numeric
127-132	6	Blank	
133	1	Multiple Use Field	Note 23
134-156		Blank	
157-163	7	Mission Design Series Code	Note 27

NOTES:

1. The organization code field cannot be blank, and it must be 100-999.
2. The following information applies:
 - a. L = Load
 - b. C = Change
 - c. D = Delete. A "D" will store a delete flag on the freeze/delete flag field on the 518 record. If there are no due-out details, then this record is deleted during processing of program NGV946, Accounting and Finance (A&F) End-of-Fiscal-Year Closeout, or monthly M03/NGV977 processing (see DFAS-DE 7077.10-M). **When there are details then a "P" will store on a delete flag on the freeze/delete flag field on the 518 record. Once the details are gone it will be changed to a "D" during NGV946 and deleted.**
 - d. I = Inquiry - This can only be used with the #458 screen. The screen will be filled with appropriate data to review for changes if necessary.
3. Mandatory on load of new organization records. The organization identification code is used to fetch 557 ROF record which must be loaded first. The 557 ROF record is loaded by receipt of an XSE transaction from the AFEMS (C001) or creation of an XSE locally (if directed to do so by the MAJCOM Equipment Management Flight). (See chapter 22, attachment 22G-16 for information on XSE transaction.)
4. This field cannot be blank. The first position (position 22) cannot contain a blank or a special character.
5. May be blank or contain the authorized codes. The codes are 6, 7, 8, A, B, D, G, K, M, P, Q, R, S, T, and V. (See chapter 3 for explanation.)
6. This field may be blank or contain numbers 1 through 5. If 1 through 5 is entered, a Y must be in position 112 (FAD Override indicator).
7. This may be blank, or contain all alpha/numeric characters.
8. Authorized codes are R or *.
 - a. An "R" freezes the record for certain financial transaction inputs.
 - b. An asterisk (*) deletes freeze flag.
9. This field may be blank or contain a 1 for organizations not authorized equipment.
10. This field may be blank or contain an "X" or "P". An "X" will indicate DOR and ISU transactions must go through local TMO for delivery. A "P" will identify off base organizations that order through Base Supply but their property is not released/shipped through CMOS to transportation. Organizations with an off base flag "P" assigned will be recognized as off base accounts in regards to delinquent document criteria.
11. The following information applies:
 - a. A "Y" places decimal zeros in the bench stock line items minimum reserve authorization (MRA) 1 or A and bench stock line item fields on the organization cost center record only if they are blank. Otherwise, a 169 reject notice occurs.
 - b. A "D" places blanks on the bench stock line items MRA 1 or A, and bench stock line fields only if they contain decimal zeros. Otherwise, an F001 reject occurs.

- c. An asterisk (*) places blanks on the bench stock line items MRA 1 or A and bench stock line item fields, regardless of the data contained in these positions.
12. Authorized codes are 45 or 60.
 13. May be blank or contain an address.
 14. If the SBSS ALN and the ALN of Maint ADS are different, enter the ALN of the Maint ADS.
 15. Set to an "X", it allows BSU images to be produced instead of DD Form 1348-1A for on- and off-base organizations supported by a satellite account.
 16. Used when there is an active Core Automated Maintenance System (CAMS) to support this organization. Code must be a gang designation of a 1, 2, 3, or 4 if CAMS is active, otherwise leave blank. This is used in conjunction with CAMS identification code. The type organization code must be a 7, 8, G, V, Q, or T.
 17. The system designator of the PFMR (311 record) must match the system designator on the FOR input. Otherwise, you will receive a 366 reject. Exception will be for B or C system designators, which can be loaded to the 01 system designator's PFMR.
 18. This field must contain the applicable cost center on initial load. Accounting and Finance will provide the applicable cost center code.
 19. May be blank or contain all alpha/numeric characters.
 20. If type organization code is a 7, 8, G, V, Q, or T, then enter Maint-Unit-Ident-Code provided by CAMS. In CAMS, this is known as the unit ID. The CAMS-Gang-Nbr must be set to a 1, 2, 3, or 4.
 21. Enter a "Y" to override the FAD code loaded to the 518 record. This will allow an organization record FAD code to be different from the ROF record. An "N" will not allow a change to the FAD.
 22. May contain a Q (AMC Forward Support Spares Flag), C (Defense Mapping Agency), or M (ICBM Maintenance Activity); otherwise, leave blank.
 23. An asterisk (*) will blank the appropriate data field.
 24. The gaining MAJCOM code for all other parent MAJCOMs can be changed using this field. If the parent command code is Air National Guard (4Z) or AF Reserve (0M), always load a gaining major command code. An XSE input is used to update the major command code (see chapter 22, section 22G, attachment 22G-16).
 25. Enter one of the following codes: M for CAMS, G for G081, T for TICARRS, and N for non-maintenance organization.
 26. This field updates the 518-COST-SYS-IND field for ORG-COST-CENTER-100-999 (518) record. This is a one-position alpha/numeric field with valid codes of A through Z and 1 through 9. This indicator will be used to identify JOCAS transaction.
 27. Enter a standardized MDS value from the list provided below. Note the standardized MDS codes listed are for aircraft and missiles only. Activities with organization type codes 7 and G should apply the predominant aircraft or missile MDS if applicable. If the primary MDS supported is not an aircraft or missile system, input COMMELE, VEHICLE, or OTHER as the MDS code in the FOR transaction. For example, if organization type code 7 or G applies but the activity cannot rationally be associated with an aircraft or missile system, OTHER should be used as the MDS code for the organization. Activities with type organization code Q (communications mainte-

nance) should enter COMMELE as the MDS if a specific aircraft or missile system MDS does not apply. Organizations with type organization codes T or V (vehicle maintenance) should enter VEHICLE as the MDS if a specific aircraft or missile system MDS does not apply. Administrative support organizations (for example, personnel, finance) and MWR (organization code R) should enter OTHER as the MDS code. **NOTE: MDS code inputs must be left justified. MDS inputs that are not left justified will be rejected.**

Table 27Q2.2. Standard MDS Codes.

A010A	BQM034A	CI37C	F004G	GCH053A	KCI35D	PC007A
AAA000A	C005A	CI41B	F005E	GCT039A	KCI35E	QF004E
AB412S	C005B	CI41C	F015A	GE008C	KCI35Q	QF004G
AC130A	C005C	CCC000C	F015B	GEC135H	KCI35R	QF106A
AC130H	C009A	CH003E	F015C	GF004C	KCI35T	QRF004C
AC130U	C009C	CH047D	F015D	GF004D	KDC010N	RC135S
AGM065A	C012C	CH053A	F015E	GF004E	LCT130H	RC135U
AGM065D	C012D	CT039A	F016A	GF004G	LGM025C	RC135V
AGM065E	C012F	CT043A	F016B	GF005F	LGM030B	RC135W
AGM065F	C012J	DC130A	F016C	GF015A	LGM030F	RC135X
AGM065G	C017A	E003A	F016D	GF015B	LGM030G	RF004C
AGM086B	C018A	E003B	F022A	GF016A	LGM118A	RQ001A
AGM086C	C018B	E003C	F027A	GF016B	MC130E	RQ001B
AGM086D	C020A	E004B	F027M	GF016C	MC130H	RQ001K
AGM088B	C020B	E006B	F111A	GF111A	MC130P	RQ001L
AGM088C	C020C	E008A	F111D	GF111E	MGM134A	RQ001P
AGM129A	C020H	E008C	F111E	GF111G	MH053J	RQ001Q
AGM130A	C021A	E009A	F111F	GHH001H	MH053M	RQ001U
AGM142A	C022A	EC018B	F111G	GHH003E	MH060G	RQ001W
AH064A	C022B	EC018D	F117A	GKCI35A	MQM107D	RQ003A
AH064D	C023A	EC130E	F560A	GKCI35E	MQM107E	RQ004A
AIM007E	C026A	EC130H	F560U	GNC130E	NAF000A	SA316A
AIM007F	C026B	EC130J	FB111A	GNC135A	NC130A	SB002A
AIM007M	C027A	EC135A	G004A	GOA037B	NC130B	SB002B
AIM009M	C029A	EC135C	GA010A	GOV010A	NC130H	SB003A
AIM009X	C032A	EC135E	GAC000A	GRF004C	NC135A	SB004A
AIM120A	C037A	EC135G	GAT038B	GT037B	NC135W	SB005A
AIM120B	C038A	EC135H	GB001A	GT038A	NC141A	SSB007A
AIM120C	CI23K	EC135J	GB052F	GUH001E	NCH053A	SSB008A
AS532U	CI30A	EC135K	GB052G	GUH001F	NF016A	SSB008B
AT038B	CI30B	EC135L	GBU010A	GUH001N	NF016B	SSB009A
B001B	CI30E	EC135N	GBU012A	GYA010A	NF016C	T001A
B002A	CI30H	EC135P	GBU015A	HCI30H	NF016D	T003A
B052C	CI30J	EC135Y	GCI30A	HCI30N	NKCI35A	T006A
B052D	CI31B	EC137D	GCI30B	HCI30P	NKCI35B	T033A
B052E	CI35A	EF111A	GCI30D	HH001H	NKCI35E	COMMELE
B052F	CI35B	F004C	GCI30E	HH003E	NT039A	VEHICLE
B052G	CI35C	F004D	GCI41B	HH060G	OA010A	OTHER
B052H	CI35E	F004E	GCH003C	KC010A	OA037B	
BO105C	CI37B	F004F	GCH003E	KCI35A	OCT35B	

ATTACHMENT 27R-1

EXCEPTION PHRASES - LOAD, CHANGE, OR DELETE (FXR)

27R1.1. Purpose. To load, change, or delete exception phrase records.

27R1.2. Input Restrictions. Pseudo or any terminal based on user-ID.

27R1.3. Output. See Document Flow for Exception Phrase Records - Load, Change, or Delete ([Attachment 27R-2](#)).

27R1.4. Input Format and Entry Requirements (SCREENS FXR/157, FXRREQ/227, and FXR-SHP/226).

Table 27R1.1. Input Format and Entry Requirements.

POS	NO POS	FIELD DESIGNATION	REMARKS/NOTES
1-3	3	Transaction Identification Code	FXR
4-5	2	System Designator	Mandatory
6-17	12	Blank	
18-53	36	Exception Phrase	Notes 5, 6
54-57	5	Blank	
58	1	Exception Code	1-9 or A-Z/Note 1
59	1	Exception Notice Code	P or R/Note 2
60-64	5	Blank	
65	1	Exception Flag Code	E, I, R, or S/Note 3
66-70	5	Monitor's Office Symbol	
71-77	7	Monitor's Phone #	
78-79	2	Blank	
80	1	Action Code	L or D/Note 4

NOTES:

1. See applicable chapter (9, 11, 15, or 19) for appropriate codes and assignments. Exception code O is authorized if R is in position 65.
2. Code P will prompt a notice to be printed--but processing will continue. Code R will cause reject of the input and will produce a printed notice. The exception notice code has no effect on excess processing.
3. These codes indicate the type of exception phrase: E (excess), I (issue), R (requisition), and S (shipment).
4. Use L for load and change; use D for delete.
5. If the purpose of the input is to load an exception phrase for the requisition override record, positions 18-53 will be completed. Data entries will apply to the following positions:

18—Stock Replenishment Flag

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19—Due-out Requisition Flag
20-22—Project Code
23-24—System Designator
25-27—Routing Identifier Code
28—Forward Supply Point Category Code
29—MICAP Source of Supply Override (see paragraph “a” below)
30—Urgency of Need Designator A Source of Supply Override (see paragraph “b” below)
31-36—Ship-To/Bill-To Supplementary Address
37-38—Priority Designator
39—Lateral Requisition Flag
40-41—Advice Code
42-51—Project Name
52—TEX code Blank, 7, or R
53—Signal Code.

a.If the MICAP source of supply override equals a Y, then the item record routing identifier will be used.

b.If the urgency of need designator A source of supply override equals a Y, then the item record routing identifier will be used.

6.The shipment exception phrase will be limited to 32 positions when no shipment override is required. When a shipping override record is loaded, positions 18-52 will be completed. Data entries will apply to the following positions:

18—Shipping Override Flag
19—Maintenance Action Override Flag (see paragraph “a” and “d” below)
20-25—Stock Record Account Number (SRAN) of IM to receive credit (see paragraph “e” below)
26-27—Fund Code (see paragraph “e” below)
28-30—Project Code (see paragraph “e” below)
31—Signal Code
32-37—Ship-To SRAN (see paragraph “e” and “f” below)
38-39—Priority Designator
40-46—Mark-For (see paragraph “e” below)
47-49—Routing Identifier Code of FB or FG account in positions 32-37. If positions 32-33 = FB or FG, then this field CANNOT be blank.
50—Print Override Flag (see paragraph “b” and “d” below)
51—Shipment Suspense Detail Override Flag (see paragraphs “c” and “d” below)
52—Blank.

a.Ship reparable to the centralized repair activity using maintenance action-taken codes (MATC) 1 through 7. If this flag is ON, reparable with MATC 1-7 will be shipped or reported to the activity specified by RIMCS--unless modified by TEX or SEX code. If a 1 is used, then positions 32-33 must be equal to FB or FG.

- b. Produce only one book of shipment documents.
- c. Shipment suspense detail records are not required for this ship-to SRAN. Shipped-but-not-credited detail records will continue to be created when appropriate.
- d. Enter a 1 to turn On this flag and an asterisk (*) to delete it.
- e. For the NATO Airborne Early Warning (NAEW) E-3A Component, see additional information in chapter 30.
- f. When no ship-to SRAN is used, the program will use ship-to SRAN assigned to the repair cycle record.

ATTACHMENT 27R-2

DOCUMENT FLOW FOR EXCEPTION PHRASE RECORDS - LOAD, CHANGE, OR DELETE

27R2.1. Record Maintenance Activities Without Terminals.

27R2.1.1. Create ASCII (text) files of the FXR images using any authorized personal computer program.

27R2.1.2. Forward the images to Computer Operations for processing.

27R2.1.3. Correct reject conditions and take action on management notices from Computer Operations as necessary (see chapter 7).

27R2.2. Record Maintenance Activities With Terminal.

27R2.2.1. Process the FXR images on the terminal.

27R2.2.2. Correct reject conditions and take action on management notices as necessary (see chapter 7).

27R2.2.3. Make applicable entry in the stock number directory when processing is completed.

ATTACHMENT 27R-3

TYPE CARGO PHRASE RECORD - LOAD OR DELETE (CPH)

27R3.1. Purpose. To load or delete a type cargo phrase on an item record.

27R3.2. Input Restrictions. Computer Operations/main system or the Records Maintenance terminal.

27R3.3. Output. None.

27R3.4. Input Format and Entry Requirements.

Table 27R3.1. Input Format and Entry Requirements.

POS	NO POS	FIELD DESIGNATION	REMARKS/NOTES
1-3	3	Transaction Identification Code	CPH
4	1	Blank	
5	1	Type Cargo Code (A/N: 0-9 or A-Z)	
6-7	2	Blank	
8-25	18	Type Cargo Phrase or Delete Code	NOTE
26-80	55	Blank	

NOTE:

Enter D in position 8 for delete action. The phrase (see [Attachment 27R-4](#)) will be entered in positions 8-25.

ATTACHMENT 27R-4

TYPE CARGO CODE

27R4.1. Purpose. To list TYPE CARGO CODES (one digit-alpha/numeric) which are maintained on the item record. The code (as defined in DOD 4500.32-R) indicates to transportation facilities the type of cargo being handled, so appropriate freighting and safety precautions are adhered to. The code on an item record will remain blank until the AFMC 0013 system distributes the appropriate code(s) through SNUD (D071) using DIC BDT/BVS. Phrase records must be loaded for all codes. Dual codes are authorized on item records (101-CRGO-TYPE). When dual codes are used, the user programs will print both phrases on the applicable output documents.

Table 27R4.1. Type Cargo Codes.

CODE	PHRASE	EXPLANATION OF PHRASE
A	RADIOACTIVE	Radioactive Substances
B	MIXED HAZARDOUS	Mixed Hazardous Materiel
C	ETIOLOGIC AGENT	Etiologic Agent
D	CONTAMINATED CARGO	Contaminated Cargo
E	HAZARDOUS MAT CONT	Empty Hazardous Materiel Containers
F	EXPLOSIVES CLASS C	Explosives Class C
G	NONFLAM CMPR GAS	Nonflammable Compressed Gas
H	SBJ TO DMG FR HEAT	Subject to Damage from Heat
I	EXPLOSIVES CLASS A	Explosives Class A
J	EXPLOSIVES CLASS B	Explosives Class B
K	SPONTANEOUSLY COMB	Spontaneously Combustible Substances
L	WATER REACTIVE	Water Reactive Substances
M	MAGNETIC MATERIEL	Magnetic Materiel
N	DANGEROUS MATERIEL	Dangerous Materiel in Limited Quantities
O	FLAMMABLE CMPR GAS	Flammable Compressed Gas
P	POISON CLASS B	Poison Class B
Q	SBJ TO DMG FR FRZG	Subject to Damage from Freezing
R	FLAMMABLE LIQUIDS	Flammable Liquids, UN Class 3
S	POISON CLASS A	Poison Class A
T	POISON CLASS C	Poison Class C
U	COMBUSTIBLE LIQUID	Combustible Liquids
V	MISC HAZARDOUS MAT	Miscellaneous Hazardous Materiel
W	CORROSIVE MATERIEL	Corrosive Materiel
X	FLAMMABLE SOLIDS	Flammable Solids
Y	OXIDIZING MATERIEL	Oxidizing Materiel
Z	GENERAL CARGO	No Special Type of Cargo Code Applicable
1	AIRCRAFT ENGINES	Aircraft Engines, Internal Combustion Engines, and Fuel Control Devices
2	TRNSP CODE APPLIES	Type Cargo Code Not Applicable
3	ESD SENSITIVE ITEM	Electrostatic Sensitive Device (ESD)
4	RADIOACTIVE	Radio-active Substance in Limited Quantities; No Label Required
5-9	NOT ASSIGNED	

ATTACHMENT 27S-1

ROUTING IDENTIFIER RECORDS LOAD, CHANGE, OR DELETE INPUT (FRI)

27S1.1. Purpose. To load, change, or delete routing identifier records.

27S1.2. Input Restrictions. Any terminal based on the user's ID/password.

27S1.3. Output. See Routing Identifier Records Load, Change, or Delete Notice([Attachment 27S-2](#)).

27S1.4. Input Format and Entry Requirements (Screen FRI/228).

Table 27S1.1. Input Format and Entry Requirements.

POS	NO POS	FIELD DESIGNATION	REMARKS/NOTES
1-3	3	Transaction Identification Code	FRI
4-6	3	Routing Identifier Code	
7-8	2	System Designator	Note 1
9-18	10	Depot Name	
19	1	Pipeline Time Card Flag	Note 2
20-39	20	Status Exception Code (s)	Note 3
40	1	Action Flag	Note 4
41-60	20	Change-to Exception Code (s)	Note 5
61-63	3	Truncation Point One	Note 6
64-66	3	Truncation Point Two	Note 6
67-80	14	Blank	

NOTES:

- 1.The system designator is mandatory. If a system designator is not entered, the computer will produce a 179 reject.
- 2.Pipeline Time Card (PTC) Flag, if used, must be P or asterisk (*) or an F101 management notice will be produced. If pipeline time formats are required, a P will be used.
- 3.Status exception code fields may be blank and are not required on new loads. If blank, status codes BB, BD, BF, BG, BH, CA, CH, CN, CP, and CS will be assigned by the computer under program control. Status codes ZA, ZE, ZF, ZG, ZH, ZJ, ZK, ZL, ZM, and ZY will be assigned under program control for routing identifiers JBB, JB1, JB3, JB4, JB5, and JB6. If status codes other than those outlined above are required, they must be entered in positions 41-60 of the input. (See chapter 18, attachment 18C-3, for authorized status codes.) (Also, see [Section 27S](#) for further instruction on changing status exception codes.).
- 4.Must be L, C, or D.
- 5.Not required on new loads.
- 6.Enter the truncation point value on new loads only.

ATTACHMENT 27S-2

ROUTING IDENTIFIER RECORDS LOAD, CHANGE, OR DELETE NOTICE

27S2.1. Purpose. To indicate that an FRI input has been successfully processed.

27S2.2. Output Destination. Computer Operations/main system or the Records Maintenance terminal.

27S2.3. Input. See Routing Identifier Records Load, Change, or Delete Input ([Attachment 27S-1](#)).

27S2.4. Output Format.

Table 27S2.1. Output Format.

PRINT LINE	POS	FIELD DESIGNATION	SOURCE
1	1-80	Input Image	Input
2	1-9	PROCESSED	Program Constants
3	1-33	DATE XXXX TIME XXXX:XX LAST TRANS SER NR XXXXX	

ATTACHMENT 27S-3

DOCUMENT FLOW FOR ROUTING IDENTIFIER LOAD, CHANGE, DELETE (FRI)

27S3.1. Record Maintenance Activities Without Terminals.

- 27S3.1.1. Create ASCII (text) files of the FRI images using any authorized personal computer program.
- 27S3.1.2. Forward the images to Computer Operations for processing.
- 27S3.1.3. Correct reject conditions and take action on management notices from Computer Operations as necessary, see chapter 7.

27S3.2. Record Maintenance Activities With Terminal.

- 27S3.2.1. Process the FRI images on the terminal.
- 27S3.2.2. Correct reject conditions and take action on management notices as necessary (see chapter 7).
- 27S3.2.3. Make applicable entry in the stock number directory when processing is completed.

ATTACHMENT 27T-1

SHORT AF FORM 86-REQUEST FOR STOCK LIST DATA: DATA FOR INPUT #1 AND INPUT #2 (BZA)

27T1-Section A—SHORT AF FORM 86-REQUEST FOR STOCK LIST DATA: DATA FOR INPUT #1 AND INPUT #2 (BZA).

27T1.1. Purpose. To provide data for preparing #1 and #2 inputs when you use the mechanized short AF Form 86 to request stock list data. Send the completed form to AFMC.

27T1.2. Input Data.

27T1.2.1. INPUT #1 BZA1/476.

Table 27T1.1. BZA1/476.

POS	NO POS	FIELD DESIGNATION	REMARKS/NOTES
1-3	3	Document Identifier Code	BZA
4-11	8	Control Number	Note
12-14	3	Package Sequence Number	A01
15-18	4	Federal Supply Class (FSC)	Mandatory
19-20	2	Blank	
21-27	7	AUTOVON Extension	
28-31	4	Blank	
32-36	5	CAGE	Note 2
37-68	32	Part/Reference Number	Note 3
69	1	Blank	
70	1	Tech Data-[M]ailed, [F]axed, [N]one	
71-73	3	TA/SRD	Note 4
74	1	ERRC	Note 5
75	1	Reason Code	Constant 1
76-77	2	Unit of Issue	Note 5
78-80	3	Date Initiated	

27T1.2.2. INPUT #2 #BZA2/477.

Table 27T1.2. BZA2/477.

POS	NO POS	FIELD DESIGNATION	REMARKS/NOTES
1-3	3	Document Identifier Code	BZA
4-11	8	Control Number	Duplicate of Input #1
12-14	3	Package Sequence Number	Constant Z02
15	1	Blank	
16	1	Is the item a component? [Y/N]	Note 7
17	1	Blank	
18-20	3	Projected 180-Day Requirement	Mandatory/Note 6
21-23	3	Quantity on Hand	Mandatory/Note 6
24-26	3	Quantity on Order	Mandatory/Note 6
27-34	8	Unit Cost	Mandatory/Note 5
35-80	46	Technical Order/Application Data/Item Name	Mandatory/Notes 8

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NOTES:

1.The control number consists of the following information. Duplicate it on BZA input #2:

POS	NO POS	CONTENTS
4-6	3	D series routing identifier code of initiating activity see volume 1, part 4 chapter 1, attachment 13).
7	1	Last digit of calendar year
8-11	4	Serial number from AF Form 86 control register.

2.If CAGE is not available, initiate an AF Form 86 using the long form or the D143C input screen. Use ZZZZZ in place of the CAGE and provide the name and address of the manufacturer.

3.If the part numbers exceed 32 positions, then submit long AF Form 86. (See [Attachment 27T-7](#)). Left justify the part number if it fits within positions 37-68.

4.TA-ASC, if available, on equipment items. Use the standard reporting designator of end item, if applicable.

5.Enter the data element currently recorded on the item record.

6.Enter if known; otherwise, zero fill.

7.The following information applies:

a.If a Y, then enter the Stock Number of the Next Higher Assembly in positions 35-80.

b.If an N, then enter the usage data (that is who uses asset and how used) in positions 15-80.

8.Enter technical order number, figure, and index. If the TO reference is not applicable, enter the NSN of the next higher assembly. If the item is not a component part, enter usage data (that is, the personnel who will use it and how it will be used). These data are essential for proper review. If they are not included, the request will be returned unprocessed.

27T1-Section B—REASON CODE 3, 4, OR 9 ITEMS.

27T1.3. Purpose. To request disposal or condemnation action (RC3), item name, type, part number, technical review, and/or federal supply class change (RC4), or expendability, recoverability, reparability code (ERRC) data review (RC9).

27T1.4. Review Data (SCREEN BZA3/487).

Table 27T1.3. Review Data.

POS	NO POS	FIELD DESIGNATION	REMARKS/NOTES
-----	--------	-------------------	---------------

1-3	3	Document Identifier Code	BZ3, BZ4, or BZ9
4-11	8	Control Number	Note 1
12-14	3	Package Sequence Number (PSN)	A01
15-27	13	National Stock Number (NSN)	
28-29	2	Blank	
30-31	2	Materiel Management Code	
32-80	49	Requested Action Clear Text or ERRC	Note 2

NOTES:

1.The control number consists of the following information.

POS	NO POS	CONTENTS
4-6	3	D Series Routing Identifier Code of Initiating Activity see volume 1, part 4 chapter 1, attachment 13)
7	1	Last Digit of Calendar Year
8-11	4	Serial Number from AF Form 86 Control Register.

2.For reason code 3 or 4 items, enter requested action in positions 32-80. For reason code 9 items, enter the new ERRC in positions 32-34 and the old ERRC in positions 35-37.

27T1-Section C—LONG AF FORM 86 - CONTINUATION

27T1.5. Purpose. To provide additional data to AFMC for all AF Form 86 requests.

27T1.6. Review Data. SCREEN BZA4/488.

27T1.7. Input Data. Fill in only the fields that are needed. If all fields are required, the screen will display them in sequence. If you require only certain fields, enter the number that is in parentheses and the program will display that field. When you have finished with the fields needed on the continuation form, type the word 'end' in the appropriate block and transmit. This will end the continuation form and send the information to the queue to be picked up by the Supply Interface System.

27T1.7.1. Item Data.

Table 27T1.4. Item Data.

POS	NO POS	FIELD DESIGNATION	REMARKS/NOTES
1-3	3	Document Identifier Code	BZD
4-11	8	Control Number	Note 1
12-14	3	PSN	A__ or Z__ Note 2
15-80	66	Manufacturer's Name (1)	
1-3	3	Document Identifier Code	BZE
4-11	8	Control Number	Note 1
12-14	3	PSN	A__ or Z__ Note 2
15-80	66	Manufacturer's Address (2)	
1-3	3	Document Identifier Code	BZF

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4-11	8	Control Number	Note 1
12-14	3	PSN	A__ or Z__ Note 2
15-80	66	Item Name (3)	
1-3	3	Document Identifier Code	BZG
4-11	8	Control Number	Note 1
12-14	3	PSN	A__ or Z__ Note 2
15-80	66	Characteristics (4)	

27T1.7.2. Application Data.

Table 27T1.5. Application Data.

POS	NO POS	FIELD DESIGNATION	REMARKS/NOTES
1-3	3	Document Identifier Code	BZH
4-11	8	Control Number	Note 1
12-14	3	PSN	A__ or Z__ Note 2
15-80	66	Part of/Item Name (5)	
1-3	3	Document Identifier Code	BZI
4-11	8	Control Number	Note 1
12-14	3	PSN	A__ or Z__ Note 2
15-80	66	Part of/Manufacturer (6)	
1-3	3	Document Identifier Code	BZJ
4-11	8	Control Number	Note 1
12-14	3	PSN	A__ or Z__ Note 2
15-80	66	Part of/Manufacturer's ID Number (7)	
1-3	3	Document Identifier Code	BZK
4-11	8	Control Number	Note 1
12-14	3	PSN	A__ or Z__ Note 2
15-80	66	Used on/Item Name (8)	
1-3	3	Document Identifier Code	BZL
4-11	8	Control Number	Note 1
12-14	3	PSN	A__ or Z__ Note 2
15-80	66	Used on/Manufacturer (9)	
1-3	3	Document Identifier Code	BZM
4-11	8	Control Number	Note 1
12-14	3	PSN	A__ or Z__ Note 2
15-80	66	Used on/Manufacturer's ID Number (10)	
1-3	3	Document Identifier Code	BZN
4-11	8	Control Number	Note 1
12-14	3	PSN	A__ or Z__ Note 2
15-80	66	End Item/Item Name (11)	
1-3	3	Document Identifier Code	BZP
4-11	8	Control Number	Note 1
12-14	3	PSN	A__ or Z__ Note 2

15-80	66	End Item/Manufacturer (12)	
1-3	3	Document Identifier Code	BZQ
4-11	8	Control Number	Note 1
12-14	3	PSN	A__ or Z__ Note 2
15-80	66	End Item/Manufacturer's ID Number (13)	

27T1.7.3. Supply Inspection Remarks.

Table 27T1.6. Inspection Remarks.

POS	NO POS	FIELD DESIGNATION	REMARKS/NOTES
1-3	3	Document Identifier Code	BZR
4-11	8	Control Number	Note 1
12-14	3	PSN	A__ or Z__ Note 2
15-80	66	Remarks (14)	

NOTES:

1.The control number consists of the following information.

POS NO POS CONTENTS

4-6	3	D Series Routing Identifier Code of Initiating Activity see volume 1, part 4 chapter 1, attachment 13)
7	1	Last Digit of Calendar Year
8-11	4	Serial Number from AF Form 86 Control Register.

2.The package sequence number will begin with A02 and will be increased by one for each data item submitted. When the last data item to be submitted is entered, ensure that a Z is typed in to show that this is the last input for this package.

ATTACHMENT 27T-2

**SHORT AF FORM 86 - REVIEW REQUEST FOR CATALOG MANAGEMENT DATA (CMD)/
FEDERAL SUPPLY CLASS (FSC) (BZB)**

27T2.1. Purpose. To request a review of catalog management data (CMD) using the short (mechanized) AF Form 86. The completed form is sent to AFMC.

27T2.2. Review Data (#BZB1/478).

Table 27T2.1. Review Data.

POS	NO POS	FIELD DESIGNATION	REMARKS/NOTES
1-3	3	Document Identifier Code	BZB
4-11	8	Control Number	Note 1
12	1	Constant 1	Note 5
13-14	2	Blank	
15-27	13	National Stock Number (NSN)	Note 2
28-29	2	Blank	
30-31	2	Materiel Management Code (MMC)	Note 3
32-34	3	Source of Supply	Note 3
35	1	Acquisition Advice Code	Note 3
36	1	Shelf Life Code	Note 3
37	1	Physical Security Code	Note 3
38	1	Demilitarization Code	Note 3
39-40	2	Fund Code	Note 3
41-42	2	Unit of Issue	Note 3
43	1	ERRC	Note 3
44	1	Quantity Unit Pack	Note 3
45	1	Budget Code	Note 3
46	1	Precious Metal Indicator Code	
47	1	Automated Data Processing Equipment Code	
48-57	10	Unit Cost	Note 3
58-59	2	AF Item Manager	Note 3
60-74	15	Blank	Note 3
75	1	Reason Codes 5 or 7	Mandatory/Note 4
76-77	2	Blank	
78-80	3	Date Initiated	

NOTES:

1.The control number consists of the following information:

POS	NO POS	CONTENTS
4-6	3	D series routing identifier code of initiating activity see volume 1, part 4 ,

chapter 1, attachment 13).

7 1 Last digit of calendar year

8-11 4 Serial number assigned by initiating activity.

2. Enter the NSN upon which the CMD review is being requested.

3. Enter the data element or elements of CMD you want reviewed. Leave all other fields blank. Data entered must be the current data received through the stock list change system. If you are questioning a blank MMC or fund code, enter numeric 9s in the field.

4. See [Attachment 27T-9](#) for reason codes.

5. Program will assign a 1 under program control. If using SCR #051 or a flat file, user will put a 1 in position 12 of input.

ATTACHMENT 27T-3

SHORT AF FORM 86 - REQUEST TO ADOPT OR REACTIVATE

27T3.1. Purpose. To request to adopt or reactivate a national stock number (NSN) using the short (mechanized) AF Form 86. Send the completed form to AFMC. NOTE: Adopt/reactivation requests for an equipment (ERRC NFx/NDx) item must be submitted on a long AF Form 86, hard copy.

27T3.2. Request Data (#BZB2/479).

Table 27T3.1. #BZB2/479.

POS	NO POS	FIELD DESIGNATION	REMARKS/NOTES
1-3	3	Document Identifier Code	BZB
4-11	8	Control Number	Note 1
12	1	Constant 2	Note 6
13-14	2	Blank	
15-27	13	NSN	Mandatory/Note 2
28-29	2	Blank	
30-31	2	MMC	If applicable
32-34	3	Standard Reporting Designator or Blank	Note 3
35-74	40	Technical Order/Application Data/National Stock Number	Mandatory/Note 4
75	1	Reason Code	Mandatory/Note 5
76-80	5	Blank	

NOTES:

1.The control number consists of the following information:

POS	NO POS	CONTENTS
4-6	3	D series routing identifier code of initiating activity. See volume 1, part 4 , chapter 1, attachment 13.
7	1	Last digit of calendar year
8-11	4	Serial number assigned by initiating activity.

2.Enter the NSN upon which action is being requested.

3.Use the SRD of the end item, if applicable.

4.Enter technical order number, figure, and index. If the TO reference is not applicable, enter the NSN of the next higher assembly. If the item is not a component part, enter usage data (that is, the personnel who will use it and how it will be used). For NSN being submitted as a result of receiving BVD 3, 5, 6, or 8 formats on which substitute supplied status caused load of the item record, enter the valid AF registered NSN in positions 35-49 and reason code 8 in position 75. The TO and/or application data are essential for proper review. If these data are not included, the request will not be processed.

5.See [Attachment 27T-9](#) for reason codes.

6. Program will assign a 2 under program control. If using SCR #051 or a flat file, user will put a 2 in position 12 of input.

ATTACHMENT 27T-4

SHORT AND LONG AF FORM 86 - AFMC RESPONSE NOTICE (BBS)

27T4.1. Purpose. To explain the AFMC response to either the short or long AF Form 86.

27T4.2. Response Format.

Table 27T4.1. Response Format.

POS	NO POS	FIELD DESIGNATION	REMARKS/NOTES
1-3	3	Document Identifier Code	BBS
4-11	8	Control Number	Duplicated from original input
12-14	3	Blank	
15-27	13	NSN/NC/ND	
28-29	2	Blank	
30-31	2	MMC	If applicable
32	1	Blank	
33-73	41	Remarks	Note 1
74-75	2	Completion/Status Codes	Note 2
76-80	5	Date/Message	Note 3

NOTES:

- 1.This field may contain the following information: remarks in a clear text message; national stock number (positions 33-45) and source of supply (positions 71-73) of an item authorized for Air Force use; and federal supply code for manufacturers or part number (positions 33-68).
- 2.Completion/status codes are found in [Attachment 27T-6](#).
- 3.Positions 76-80 may contain blanks, the expected completion date, or an error message. (See [Attachment 27T-8](#) for an explanation of error messages.)

ATTACHMENT 27T-5

HARD COPY AF FORM 86 PREPARATION

27T5.1. Purpose. To provide the applicable data to be used on the hard copy of long AF Form 86. The activity responsible for preparing this document must make sure that ALL mandatory data elements are recorded as required. If these data are not included, the AFMC Cataloging and Standardization Center (AFMC LSO/LGIS) may simply return the document unprocessed.

27T5.2. Control Number. The control number consists of the following information:

Table 27T5.1. Control Number.

POS	NO POS	CONTENTS
4-6	3	D Series Routing Identifier Code of Initiating Activity (see volume 1, part 4, chapter 1, attachment 13).
7	1	Last digit of Calendar Year.
8-11	4	Serial number from AF Form 86 Control Register.

EXAMPLE: DPK80001 will be the first AF Form 86 prepared by an initiating SBSS base activity. DPK80002 will be assigned to the second AF Form 86 prepared by the same initiating activity, and so on.

Routing identifier codes as follows will identify AF Forms 86 prepared by the ALC base activity as applicable.

"FGB" (OO-FB2029)

"FHB" (OC-FB2039)

"FLB" (WR-FB2065)

Ecclesiastical

"FNF" HQ AFMC/HFC, WPAFB OH 45433

"FND" MORTUARY, AFMPC/MPCCM, Randolph AFB TX 78148

"FW(X)" MAJCOMs

AF Forms 86 submitted by an activity whose routing identifier code begins with an F must reflect an alpha character in column 8 of the control field. For example, FFB8002A would be assigned the second AF Form 86, prepared by the same activity, etc. The number of AF Forms 86 is limited to 999 with each alpha character; for example, FFB8001A through FFB8999A. Under this condition, go to the next alpha character and begin with serial number 1; for example, FFB80001B through FFB8999B and continue through the alphabet until the end of the calendar number through the last work day of the calendar year for a period of 31 days subsequent to the calendar year change over. The system will accept either the new year or previous year numeral as part of the control number.

27T5.3. Reason Code. Circle the reason code that identifies the type of action being requested (see [Attachment 27T-9](#)).

27T5.4. To. Enter the office symbol for the HQ Cataloging and Standardization Center (AFMC LSO/LGIS), unless the item is classified in one of the excepted classes (see [Attachment 27T-10](#)). If the item is an excepted class, use the address of the applicable cataloging activity.

27T5.5. From. Enter the complete mailing address of the initiating activity, and include the initiator's office symbol and telephone extension.

27T5.6. Date. Enter the date the action is initiated (for example, 1 August 1987).

27T5.7. Information Provided by Initiating Activity-- [Section 27I](#).

27T5.7.1. Item Data.

Table 27T5.2. Item Data.

BLOCK AND DESCRIPTION	COMMENTS
A Manufacturer's Name and Address	Mandatory/Use remarks column if more space is needed for manufacturer's name(s) and address(es).
B Manufacturer's Identifying Number	Mandatory/Use remarks column if more space is needed for manufacturer's identifying number(s).
C Item Name	Mandatory/Enter item name (noun and modifier) of the item from the Cataloging Handbook H6 instead of the manufacturer's name.
D Federal Supply Code for Manufacturer	Mandatory/See Cataloging Handbook H4-1
E Physical/Performance Characteristics	Enter electrical and physical characteristics (if available) and all available dimensions. Do not cite data included in attached technical data.
F National Stock Number/Materiel Management Aggregation Code(MMAC)	Enter FSC -- mandatory NATO code -- if available, NIIN -- if available, and MMAC -- if required.
G Unit of Issue	Enter unit of issue (FT, LB, EA, etc.)
H Allowance Standard Number	Enter Table of Allowance and the locally assigned L or P number, if applicable. (Use remarks column if additional space is needed.)
I Technical Data	Mandatory/Note 1. Check the appropriate box. If government specifications or standards identify the item (for example, TO figure and index), provide the specification or standard number in the Remarks block. If technical data is NOT AVAILABLE, explain why, in detail, using the Remarks block -- and thoroughly describe the item in the blocks for application data and physical/performance characteristics.
J Past 180-Day Demand/In-Use Inventory	Mandatory/Notes 2 and 3. Enter past 180-day demand quantity or the quantity in the in-use inventory.
K Projected 180-Day Requirement/Quantity Authorized	Mandatory/Note 3. Enter projected 180-day requirement or the quantity authorized.
L Quantity On-Hand	Mandatory/Enter total number of items on hand.
M Quantity On-Order	Mandatory/Enter total number of items placed on order through PR, MIPR, contracts, etc.
N Authorized Stock Level	Enter authorized requisitioning objectives, if available
O Unit Cost	Enter actual or estimated unit cost of the item. Enter suffix cost with E if estimated (mandatory)
P Contract/Purchase Order Number	Enter contract or purchase order number, if available.
Q Item Number	Enter item number as it appears on the contract or purchase order, if available.
R Exhibit Number	Enter exhibit number as it appears on the contract or purchase order, if available
S Received From	Enter source of the item received (for example, Army, Navy, Base, etc., when applicable.)

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NOTES:

- 1. **Mandatory for AF Form 86 submissions to Directorate of Aerospace Fuels Management.** Must include technical order (T.O.) or other publications requiring its use, and the Materiel Safety Data Sheet (OSHA Form 174 or facsimile) IAW Federal Standard 313.
- 2. **Mandatory for AF Form 86 submissions to Directorate of Aerospace Fuels Management.** Demand or requirements information is needed by the IMM to determine the management philosophy to be applied to the item.
- 3. In general, multiply SBSS' daily demand rate (DDR) by 180 to obtain the 180-day past and projected quantity. Demand or requirements information is needed by the IMM to determine the management philosophy to be applied to the item.

Application Data.

Table 27T5.3. Application Data.

BLOCK AND DESCRIPTION	COMMENTS
A Part Of	Mandatory/For example, the item referenced is part of carburetor (item name, manufacturer, manufacturer's part number).
B Used On	Mandatory/For example, the carburetor cited is used on a gasoline engine (item name, manufacturer, manufacturer's part number)
C End Item	Mandatory/Note. For example, the gasoline engine cited is part of a fire truck (item name, manufacturer, manufacturer's part number). The TO number should be provided, if available.
Date and Signature	Enter date and the signature of the Supply inspector or initiator.

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NOTE:

- |** Mandatory for AF Form 86 submissions to Directorate of Aerospace Fuels Management, **DESC/RRF**.

27T5.8. Supply Inspection Action--Section II.

Table 27T5.4. Supply Inspection Action--Section II.

BLOCK AND DESCRIPTION	COMMENTS
A Approval or Disapproval	Inspection of the field or base activity verifies and completes the information entered in Section I. Indicate approval or disapproval of the recommendation in Section I by placing an X in the applicable space.
B NSN	Enter the correct NSN, if applicable.
C Remarks	Enter the reason for disapproval, the date, and the signature of the inspector.

27T5.9. Inventory Manager Action--Section III. For use by IM.

27T5.10. Reference Phrase and Quantitative Expression--Section IV. For use by cataloger.

27T5.11. Interchangeability and Substitutability--Section V. For use by cataloger.

27T5.12. Remarks/Coordination Data--Section VI and VII.

27T5.12.1. Remarks block. Include any additional explanation useful to the IM, ES, and/or cataloger. The ES may wish to contact the user(s), so please include the name and phone number of the actual item user(s).

27T5.12.2. Coordination/Action By. Enter the organization code, date, and signature. The first entry is always that of the originator, followed by appropriate entries for all coordinating personnel.

ATTACHMENT 27T-6

AF FORM 86 - AFMC COMPLETION/STATUS CODES

27T6.1. Purpose. To explain the AFMC's coded responses to the original submission or completion/termination of an AF Form 86.

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Table 27T6.1. AFMC Completion/Status Codes.

STATUS CODES	DESCRIPTION
C	Request returned to the initiator for additional information. Reply codes identify additional information required. Resubmit request using different control number.
CA	T.O., end item or next higher assembly - The T.O. name and reference number, or NSN of the next higher assembly is required for further processing.
CB	Data element in question - The data element you want verified should be identified on the AF Form 86. This data element should be exactly as it appears in your records. (excludes (ERRC))
CC	For ERRC challenge, the current ERRC should be reflected as well as the suggested ERRC. Reason for the requested change is also required.
CD	Reason Code 8 request requires that the non-Air Force used NSN as well as the Air Force used NSN be reflected.
CE	Reason Code 4 or 7 require technical data and/or proposed change.
CF	Request is returned for information other than that covered by another code. Clear text identifies the nature of the data required.
CG	AF Forms 86 for FSGs 68 and 91 submitted to DESC/RR Reason Codes 1, 2, and 3 and 6 must include end item application, T.O., or other publications requiring its use and Material Safety Data Sheet (OSHA Form 174 or facsimile) in accordance with Federal Standard 313. Requested action disapproved.
LA	The manufacturer identified in the request advises that the reference number is nonprocurable or unidentifiable. Attempts to obtain other sources of supply have been unsuccessful. Support is rejected.
LB	Current data elements are correct. Your records will be updated to reflect the current data elements shown in clear text. [D043 will push to down stream systems the current record]
LC	Local manufacture item. (ALC use only)
LD	Local purchase item. (ALC use only)
LE	Submit AF Form 601 for Equipment/Table of Allowance items.
LF	Submit AFTO Form 135 to the item manager. Base 86 Reason Code 9 is appropriate only when the current ERRC is incompatible with the fourth position of the SMR code.
LG	Support is rejected. See clear text for specific reason. If action is still required, resubmit request with a new control number. (ALC use only)
LH	Not enough usage to warrant stock-list action. If demand continues, resubmit request and indicate quantity on hand, quantity on order, and projected 180-day requirements.
LI	Cataloging action not warranted. Request returned to the initiator. Justification for nonconcurrence is furnished under separate cover.
M	Request action approved.

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MA	The item will be centrally managed, stocked, and issued (AAC D or G only) and the requirement will be supported by the Date Repair Parts Required (DRPR). The assigned NSN/SOS is identified in clear text. (ALC use only)
MB	The item will be managed as a local purchase item (AAC L) or direct from a central contract/schedule (AAC I). The NSN/SOS under which support will be furnished is identified in clear text. (ALC use only)
MC	The item will be managed as direct delivery under a central contract (AAC H) or centrally procured but not stocked (AAC J). The NSN/SOS under which support will be furnished is identified in clear text. (ALC use only)
MD	The item will be managed as an insurance/numeric stockage objective item (AAC Z) and the requirement will be supported by the DRPR. The NSN/SOS under which support will be furnished is identified in clear text. (ALC use only)
ME	The NSN/SOS in clear text identifies an item currently managed by the IMM, and is offered as an alternate or substitute item in lieu of the item originally submitted. (ALC use only)
MF	Air Force used NSN or ND number is assigned. Clear text contains control number and MMAC, if applicable. Official management data will be provided by the Stock Number User Directory (SNUD).
MG	Requested action, other than request for NSN assignment, has been accomplished. If request was for adopt/reinstatement, SOS contained in clear text.
MH	The NSN identified in clear text is an alternate/substitute item of the item originally requested. The SOS is also supplied in clear text.
ZZ	AF Form 86 records have been purged. No additional action will be taken under current control number. Further action regarding this item will require resubmittal under a new control number. (To be used by the focal point only.)
X	Status Code - Base 86 remains in open status
XA	Clear text message requiring additional information or presenting current status of original request.
XB	ERRC change is in process of coordination.
XC	Concur with cancellation request. Action has been submitted to the collaborating office for coordination/action.
XJ	JLC Form 17 initiated to other services.
XN	The request for AF managed stock-list action has been initiated. Stock-list assignment should be accomplished in 45 days.
XR	The request to change logistics management data on an AF-managed item has been initiated and will be accomplished in 60 days.
XS	Supply Support Request submitted to another service/agency for support.
XW	The FSC has changed to ----.
X6	The request to change logistics management data on a non-AF-managed item has been initiated. It should be accomplished in 60 days.

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AA	Rejected suspense. The AF Form 86 you attempted to submit failed the initial edits to be suspended in the suspense file.
BB	Request received, suspended, and in process. Expected completion date is -----.
PP	The estimated completion date has been revised to -----. Request still in process.

ATTACHMENT 27T-7

AF FORM 86 - DATA FOR ADRSS HEADER

27T7.1. Purpose. To prepare ADRSS header inputs for AF Form 86.

27T7.2. Entry Requirements.

Table 27T7.1. Entry Requirements.

FIELD DESIGNATION	ENTRY
Precedence	Routine (R)
Media	Cards (C)
Security	Unclassified (U)
Content Indicator	FURZ
Record Count	Enter number of inputs.
Destination Communications R/I	RUVARIA
Clear Text Address	AF Form 86, Wright-Patterson AFB OH

ATTACHMENT 27T-8

BASE 86 D143C PROCEDURES

27T8.1. Purpose. To provide users with the procedures for tracking requests for cataloging using the Air Force FLIS Editing and Routing System (D143C).

27T8.2. Part I - Establishing a Base 86 Request In D143C.

27T8.2.1. Access to The D143C System. To access the D143C system, enter the necessary information on the main menu.

Main Menu Screen

YOU HAVE ACCESSED THE AIR FORCE DLIS EDIT AND ROUTING SYSTEM (D143C)

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- | | |
|------------------------------------|--------------------------------|
| 1. NSN REVISION | 8. PENDING ACTIONS/HISTORY |
| 2. ADD AN ITEM (NC,ND) | 9. D043A |
| 2A. ADD AN ITEM (K) | 10. COORDINATION CYCLES |
| 3. ADD/CHG/DEL DATA ON NC,ND,K | 11. WORKBENCH |
| 4. CONSOLIDATION (NC/ND TO NC/NSN) | 12. SKELETAL PROVISIONING-D220 |
| 5. BASE-INITIATED AF FORM 86 | R. REPORTS |
| 6. LTI DLIS GENERATION | B. BULLETIN |
| 7. ADD AN IM COMMENT | E. END |

SELECTION ==> 5

ENTER THE FOLLOWING INFORMATION:

ACTIVITY POSITION ID

CODE	CODE	CODE	NAME	DSN
86	BASE	xxxx	LEWIS,DI	xxx xxxx

VALID ACTIVITY CODES: SC, SE, SJ, SP, SU, SX, TA, TG, TU, 86

VALID POSITION CODES: DS, ES, FP, IM, PROV, AMMO, ZOP, CHEM, BUDG, MNT, RQMT, CATM, CATP, CIIC, ERRC, IMC, LOGR, NIP, DM, SSR, PMS, EDMO, PACK, SAFE, BIO, CJ, SC, MJ, MM, MS, SC, SJ, SS, SX, BASE.

27T8.2.1.1. The top of the main menu tells you that you have accessed the Air Force DLIS Edit and Routing System (D143C). At the selection prompt, enter 5 for base-initiated AF Form 86.

27T8.2.1.2. The fields for ACTIVITY CODE (86), POSITION CODE (BASE), and your ID CODE are automatically displayed. If you find the information displayed to be incorrect, contact your D143C OPR with the correct information. Enter your name and DSN (formerly AUTO-VON). DO NOT include a dash (-) after your DSN prefix. This brings you to the Reason Code Options Screen.

Reason Code Option Screen

D143C ESTABLISHMENT OF A BASE AF FORM 86 REQUEST 11/09/92

REASON CODE 1. NEW NSN ASSIGNMENT.

2. ADOPTION OF NON-AIR FORCE USED NSN.
3. DISPOSAL OR CONDEMNATION ACTION.
4. ITEM NAME, TYPE, PART NUMBER TECHNICAL REVISION
AND/OR FSC CHANGE.
5. NSN MANAGEMENT DATA REVIEW.
6. REINSTATE A CANCELLED OR DISPOSAL TYPE NSN.
7. RESERVED.
8. ADOPTION OF NON-AIR FORCE USED NSN THAT HAS BEEN
SUBSTITUTED FOR A VALID AIR FORCE USED NSN.
9. ERRC DATA REVIEW.

*** THIS OPTION IS TO BE USED FOR INITIAL ESTABLISHMENT OF BASE AF
FORMS 86 VIA BASE SUPPLY PERSONNEL. ALL OTHER PERSONNEL ARE TO
USE MAIN MENU OPTION 1 NSN REVISION FOR ALC AF FORM 86 INPUT.

27T8.3. Option (Reason Code #, E To End). From this screen, enter the reason code number of the request you wish to establish. Selection of a reason code brings you to your first input screen for your individual request.

27T8.4. Screen Procedures. At this point there are some general hints you will need to understand about your inputs.

27T8.4.1. **OPTIONS:** Options are listed at the bottom of each screen and may be used at any time during the Base 86 process (initiation, coordination, review). Whether an option is available to you or not is determined by what position you hold (IM, ES, CATM, CJ, etc.) and where you are in the process. This is revealed to the system when you sign on. If you choose an option that is not available to you, the system will simply not allow you to use it. You will have to select another option. The following options are provided:

27T8.4.1.1. **RMKS** - This option is used to add remarks. RMKS is used to add remarks after the request has been established in D143C. Anyone can add remarks (including the initiator).

Remarks Screen

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ACT CD: 86 D143C REMARKS SCREEN POS CD: BASE

USER: XX06ZMLEWIS,DI 11/09/92 ID CD: XXXX

CONTROL NR: DKX20032

ENTER REMARKS BELOW:

BBSDKX20032 3010012361213 YEXPECTED COMPLETION DATE IS 93006 BB2311

OPTION (+,-,E,CONT,BLANK TO ADD) =====>.

27T8.4.1.2. D043A - This option is used to obtain a D043A screening from any screen reflecting this as a choice. This can be done by anyone involved in the review of this document and by the initiator. Selection of this option takes you directly to D043A.

27T8.4.1.3. EDIT - You must edit a screen you have input prior to moving on to the next screen. The system will not allow you to continue if the edits for that screen are not passed. It is at this point that you will be prompted to complete certain fields and/or use the appropriate option screen.

27T8.4.1.4. CANC - This option is used to cancel a request. This can be done by the initiator only and will cause the transaction to be reflected in the pending actions file in purge status. This control number cannot be duplicated after it has been canceled.

27T8.4.1.5. COOR - After entering all of the available information and performing an edit on your last screen, choose this option. This shows you where the request goes when released as well as reflects pertinent information about the initiator and the request. The majority of the requests will go directly to AFMC LSO/LGIS or to the responsible ALC. Requests for Federal Supply Groups (FSG) 68 and FSC 8120 go directly to S9G/CX, HQ Cryptologic Systems Group, Information Assurance Directorate, (ESC/DIW), Lackland AFB, San Antonio, Texas, 78243. FSG 91 series items are directed as follows: FSC 9110 (S9S) to Defense Supply Center, Philadelphia, PA, FSC 9130 and 9140 (S9F) to Defense Energy Support Center, Ft Belvoir, VA, FSC 9150, (S9G) to Defense Supply Center, Richmond, VA, and FSC 9160 (S9I) to Defense Supply Center, Directorate of General and Industrial, Philadelphia, PA.

Coordination Screen

ACT CD: TU BASE 86 COORDINATION SCREEN POS CD: CJ

USER: XX06ZMLEWIS,DI 11/09/92 ID CD: BDCT

CONTROL KEY: DKX20032 MMAC:

NSN: 3010 012361213 PART NUMBER:

LN#	ACT	POS	ID CD	M/O REL	NAME	PHONE #	DATE
01	TU	SC	BAFZ	I BAFZ	SMITH,DE	932 5616	11/06/92
02	* TU	CJ	BDCT	O XX06ZM	LEWIS,DI	932 5735	11/09/92

OPTION (ALC, "FSC", END, CLOS, +, -)

TO SEND TO THE NEXT COORDINATOR LEAVE BLANK AND FILL IN THE LINE BELOW.

ACT POS ID CD

<=== ENTER NONCYCLE COORDINATOR INFO HERE.

27T8.4.1.6. CS - This option is used to clear the screen. This option available on OS screens only if you initiated use of that screen for that request.

27T8.4.2. Input Screen: The input screens have been tailored to the individual reason codes. Different types of requests require different types of information to be included. Select input screens from the options below.

27T8.4.2.1. In some cases, whether you use the input screens available to you or not will depend on whether you have additional information to include that is not necessarily required. The input screens to which data can be entered by the initiator are OS1, OS2 and OS3.

27T8.4.2.1.1. Optional Screen 1 (OS1) - This screen is for related manufacturer's data. It is required for reason code 1 requests for which no CAGE code is entered and is optional any other time. However, if used, you must reply to at least one line of information. It is helpful to include this information even when it is not required.

Optional Screen 1

D143C OPTIONAL SCREEN 1 1/22/92

PART/REF NO:

AF FORM 86 CONTROL #: DOG11111 FSC: 6625 NIIN: 01 111 1111 MMAC:

MANUFACTURER'S NAME:

MANUFACTURER'S ADDRESS:

MANUFACTURER'S ADDRESS:

ITEM NAME:

CHARACTERISTICS:

CHARACTERISTICS:

CHARACTERISTICS:

OPTIONS (OS2,OS3,RMKS,D043A,COOR,CS,-,EDIT) EDIT.

27T8.4.2.1.2. Optional Screen 2 (OS2) - This screen is for next higher assembly (NHA) and end item (EI) information. It is required for some reason codes and optional for others. If you use it, you must enter at least one line of information. It is helpful to include this information even when it is not required.

Optional Screen 2

D143C OPTIONAL SCREEN 2 1/22/92

AF FORM 86 CONTROL # DOG11111 FSC 6625 NIIN 01 111 1111 MMAC

OR MFR PART NUMBER

PART OF/ITEM NAME

PART OF/MANUFACTURER

PART OF/MANUFACTURER'S ID #

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USED ON/ITEM NAME

USED ON/MANUFACTURER

USED ON /MANUFACTURER'S ID

END ITEM/ITEM NAME

END ITEM/MANUFACTURER

END ITEM/MANUFACTURER'S ID #

OPTIONS (OS3,RMKS,COOR,EDIT,D043A,CS,-) EDIT/

27T8.4.2.1.3. Optional Screen 3 (OS3) - This screen is used to enter remarks. Only the initiator can use OS3. It should be used to enter any additional information for which there is not already a specific input field and which could be helpful in AFMC LSO/LGIS or the ALC's review of the request.

Optional Screen 3

D143C OPTIONAL SCREEN 3

AF FORM 86 CONTROL # DOG11111 FSC 6625 NIIN 01 111 1111 MMAC

PART #

REMARKS

REMARKS

REMARKS

REMARKS

REMARKS

REMARKS

REMARKS

REMARKS

OPTION (OS3,RMKS,COOR,EDIT,D043A,-) EDIT.

NOTE:

The difference between RMKS and OS3 is that OS3 is used during the initial input of the request; RMKS can be used by anyone having access to the system after the request has been established in D143C. Data entered in either RMKS or OS3 becomes a permanent part of the history record and can be viewed by anyone having access to the system.

27T8.4.2.2. When using the input screens for specific reason codes, the input screens above may become mandatory, in some cases. This is dependent upon how questions are answered or whether or not a particular field has been filled with the requested information. Do not fill fields on the reason code input screens for which you do not have the information. When in doubt, leave it blank and see how the system reacts. The system is designed to prompt you to fill a field or use the appropriate input screens in certain cases (that is, a blank T.O. field for a reason code 1 request for a component item will require the OS2 screen). In other instances, blank fields will provoke no response from the system (that is, a blank MMAC field will not affect your input). Under NO CIRCUMSTANCES will "Not Applicable" or "N/A" be used to fill a field. Please ensure that all data entered into fields is meaningful to the request.

27T8.4.3. AF Form 86 Control Number: The control number must be properly formatted in order for the system to accept it:

27T8.4.3.1. The first three positions represents the routing identifier code (RIC) and must begin with a D or an F. If it begins with a D (SBSS activities) then:

27T8.4.3.1.1. Position 2 must be alpha and position 3 must be alpha/numeric (for example, DU5 or DMQ).

27T8.4.3.1.2. The serial number (positions 5-8) must be four numeric (for example, DMQ10234).

27T8.4.3.2. If it begins with an F (non-SBSS activities), then:

27T8.4.3.2.1. **The RIC must be FLB, FGB, or FHB.**

27T8.4.3.2.2. Positions 5-7 must be numeric and position 8 must be alpha (for example, FPB1023A).

27T8.4.3.3. The fourth position of the control number must be the last position of the current year (that is, 1 for 1991, 2 for 1992) (for example, DMQ10234 (1991) or DMQ20001 (1992)).

27T8.4.4. FSC. the FSC must be valid. In addition to being valid, the FSC must be one of those for which AFMC LSO/LGIS is the responsible cataloging activity or must fall into Federal Supply Groups (FSG) 68 and 91 or in FSC 8120. All other FSGs and FSCs are listed as routing exceptions in section T, paragraph 162d. These must continue to be mailed on long AF Form 86 to the responsible cataloging activities listed.

27T8.4.5. MMAC. MMAC must be valid (but may be left blank).

27T8.4.6. NSN:

27T8.4.6.1. Is separated by spaces, not dashes.

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27T8.4.6.2. Must consist of all numeric. Do not enter P numbers, L numbers, or NC or ND numbers in the NSN field. If this type of information is available, include on the OS3 (remarks) screen.

27T8.4.7. ERRRC. ERRRC must be one position and valid. Do not enter a 3-digit ERRRC designator. A cross-reference of three-position to one-position ERRRCs is provided below.

Table 27T8.1. ERRRC Code and Designator.

ERRC CODE	ERRC DESIGNATOR	
C	XD1	NOTE: When questioning ERRRC designators other than those reflected here, please write to your Command Equipment Management Office (CEMO) IAW section A, to question the equipment management code designator (EMCD).
T	XD2	
P	XF3	
N	XB3	
S	ND2	
U	NF2	

27T8.4.8. U/I. The U/I must be valid.

27T8.4.9. Unit Cost.

27T8.4.9.1. Must reflect dollars and cents with a decimal in between (for example, 35.17).

27T8.4.9.2. Requires that you answer Y(es) or N(o) to the ESTIMATED field.

27T8.4.10. Projected 180-day Quantity, Quantity on Hand and Quantity on Order. There fields may be zero filled. However, the request is more likely to be approved if this information is provided. **NOTE:** Be sure you provide quantities and not number of demands. If quantity exceeds three positions, enter a high number (that is, 888) and put true quantity on the OS3 screen or in the RMKS.

NOTE:

Avoid use of 999 as this is viewed by AFMC LSO/LGIS as a blank field.

27T8.5. Input Screen Information. Once you have selected a Reason Code, fill in the information requested on the input screens. Don't forget to use the OS3 screen for any additional information.

27T8.6. COOR Options. After entering all of the available information and performing an edit on your last screen, choose the COOR option. This will take you to the Base 86 Coordination Screen. This screen shows you where the request went as well as reflects pertinent information

about you (the initiator) and your request. Your entire input will become a permanent part of the history record and can be viewed by anyone having access to the system.

27T8.7. Reason Code 1. Selecting this reason code brings you to the New NSN Assignment Screen. The following are some specific things about this input that you need to know.

New NSN Assignment Screen

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NEW NSN ASSIGNMENT RC 1

AF FORM 86 CONTROL#: FSC:

CAGE CODE: PART/REFERENCE#:

TA/SRD: ERRC: U/I: UNIT COST: ESTIMATED (Y/N):

PROJECTED 180-DAY

QUANTITY: QUANTITY ON HAND: QUANTITY ON ORDER:

COMPONENT (Y/N): TECH DATA (M/F/N):

ITEM NAME:

TECHNICAL ORDER/FIGURE/INDEX:

(SPACE AVAILABLE TO PLACE ADDITIONAL DATA ON OPTION SCREEN 1,2,3)

OPTIONS (OS1,OS2,OS3,RMKS,COOR,EDIT,DO43A,CANC) EDIT.

27T8.7.1. Estimated Fields. The purpose of the Estimated field is to indicate whether or not the price is estimated. Y (YES) or N (NO) are the only acceptable responses to this field.

27T8.7.2. Component Field. The purpose of the component field is to indicate whether the item being requested is part of another item, such as a disk drive for a computer (answer would then be Y for YES) or whether it is a stand-alone item, such as a paper shredder (answer would then be N for NO).

27T8.7.2.1. If the answer is yes, the initiator must enter information in the technical order/figure/index field or complete OS2.

27T8.7.2.2. If T.O./figure/index is not available, the field may be left blank only if Optional Screen 2 (OS2) is used. OS2 information should include information about the end item (EI) and/or next higher assembly (NHA) of which the requested item is a part. Pertinent EI and NHA information would include NSNs, reference numbers, model numbers, etc.

27T8.7.2.3. If the answer to the component question is NO, the Optional Screen 3 (OS3) remarks screen becomes mandatory. For stand-alone items with no T.O. information, the usage data (who uses it, how it is used, where it is used, what it is used for) must be entered on the OS3 remarks screen.

27T8.7.3. Technical data is not required for stock-list action, however, it is helpful and sometimes furnished with a hard copy request. But a response to the Tech Data field is required. Indicate whether this data is M(ailed), F(axed) or if N(o) data is furnished.

27T8.7.3.1. When data is to be mailed or faxed, check the COOR screen to verify which activity will receive the request. Addresses and available FAX numbers are listed below.

Table 27T8.2. Address.

ACTIVITY CODE	ADDRESS	FAX
TU	AFMC/AFMC LSO/LGIS Federal Center Battle Creek MI 49017-3094	932-7396 (DSN) (616)961-7396 (COMM)
SE	SA-ALC/LDIP Kelly AFB TX 78241	945-0221 (DSN)
SP	DESC-RR, building 1621-K, 2261 Hughes, Suite 128, Lack- land AFB, TX 78236-9826	945-9520 (DSN) (512)925-9520 (COMM) ATTN: Richard Gohn
SU	OO-ALC/PKDPP Hill AFB UT 84056	458-2473 (DSN) (801)775-2473 ATTN: C Robinson
SX	OC-ALC/TILPC Tinker AFB OK 73145	336-2111 (DSN)
TG	WR-ALC/LZFA Robins AFB GA 31098	468-1642 (DSN)

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27T8.7.3.2. When sending data, please be sure to include a cover sheet reflecting the FSC and the Control Number of your request. Without this information, the receiving activity will have no means to match it with your request.

27T8.7.4. Entering the Item Name is required.

27T8.8. Reason Code 2. Selecting this reason code will bring you to the Adoption of Non-Air Force Used NSN Screen.

Adoption of Non-Air Force Used NSN Screen

D143C

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ADOPTION OF NON-AIR FORCE USED NSN RC 2

AF FORM 86 CONTROL # FSC NIIN MMAC

TA/SRD

IS THIS ITEM A COMPONENT (Y OR N)

TECHNICAL ORDER/FIGURE/INDEX:

OPTION (OS1,OS2,OS3,RMKS,COOR,EDIT,D043A,CANC) EDIT.

27T8.9. Reason Code 3. Selecting this reason code will bring you to the Disposal or Condemnation Action Screen. Specify dispose or condemn in the requested action field. At least one line of justification must be entered. The transaction will not be accepted without data in these fields.

Disposal or Condemnation Action Screen

1/22/92

D143C DISPOSAL OR CONDEMNATION ACTION RC 3

AF FORM 86 CONTROL # FSC NIIN MMAC

REQUESTED ACTION

JUSTIFICATION

JUSTIFICATION

JUSTIFICATION

JUSTIFICATION

JUSTIFICATION

JUSTIFICATION

JUSTIFICATION

OPTION (OS1,OS2,OS3,RMKS,COOR,EDIT,D043A,CANC) EDIT.

27T8.10. Reason Code 4. Selecting this reason code will bring you to the item Name, Type, Part Number, Technical

Revision and/or FSC Change Screen.

Item Name, Type, Part Number, Technical Revision, and/or FSC Change Screen

D143C ITEM NAME, TYPE, PART NUMBER, TECHNICAL REVISION RC 4 1/22/92

AND/OR FSC CHANGE

AF FORM 86 CONTROL # FSC NIIN MMAC

REQUESTED ACTION

ITEM NAME

TYPE OF ITEM IDENTIFICATION

REFERENCE NUMBER CAGE

TECHNICAL REVISION

RECOMMENDED FEDERAL SUPPLY CLASSIFICATION TECH DATA

(M/F/N)

JUSTIFICATION

JUSTIFICATION

JUSTIFICATION

OPTION (OS1,OS2,OS3,RMKS,COOR,EDIT,D043A,CANC) EDIT

In the requested action field, specify what type action is being requested. Choose any of the fields that pertain to your request (item name, type of item identification, reference number, technical revision, recommended Federal Supply Classification) and enter the information in one or more of those fields. The tech data field is mandatory. At least one line of justification is required.

27T8.11. Reason Code 5. Selecting this reason code will bring you to the NSN Management Data Review Screen.

NSN Management Data Review Screen

D143C NSN MANAGEMENT DATA REVIEW RC 5 1/22/92

AF FORM 86 CONTROL # FSC NIIN MMAC

DEMIL PMIC ADPEC AAC SOS U/I

UNIT PRICE QUP SHELF LIFE CODE

CONTROLLED ITEM INVENTORY CODE

ERRC FUND BUDGET

OPTION (OS1,OS2,OS3,RMKS,COOR,EDIT,D043A,CANC) EDIT

Enter only the data elements you wish to question. Provide justification on OS3. NOTE: Do not use to question ERRC.

27T8.12. Reason Code 6. Selecting this reason code will bring you to the Reinstate a Canceled or Disposal Type NSN Screen.

Reinstate a Canceled or Disposal Type NSN Screen

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REINSTATE A CANCELLED OR DISPOSAL TYPE NSN RC 6

AF FORM 86 CONTROL # FSC NIIN MMAC

TA/SRD

IS THIS ITEM A COMPONENT (Y OR N)

TECHNICAL ORDER/FIGURE/INDEX:

OPTION (OS1,OS2,OS3,RMKS,COOR,EDIT,D043A,CANC) EDIT.

27T8.13. Reason Code 7. Reserved. The previous use of this code has been eliminated as a duplicate of reason code 4 which involves FSC review.

27T8.14. Reason Code 8. Selecting this reason code will bring you to the Adoption of Non-Air Force used NSN That Has Been Substituted for a Valid Air Force Used NSN Screen.

Adoption of Non-Air Force Used NSN That Has Been

Substituted for a Valid Air Force Used NSN Screen

D143C ADOPTION OF NON-AIR FORCE USED NSN RC 8

THAT HAS BEEN SUBSTITUTED FOR A VALID AIR FORCE USED NSN

AF FORM 86 CONTROL # FSC NIIN MMAC

TA/SRD

AIR FORCE USED NSN

IS THIS ITEM A COMPONENT (Y OR N)

TECHNICAL ORDER/FIGURE/INDEX:

OPTION (OS1,OS2,OS3,RMKS,COOR,EDIT,D043A,CANC) EDIT

This reason code is similar to reason codes 2 and 6 in that the AF is requesting to become a user of a non-AF used (or disposal type) NSN. It is used when Base Supply has ordered an AF used NSN and received a non-AF used NSN in its place. If it is an acceptable substitute, the base requests to be added as a user of the non-AF used NSN. The first NIIN entered should be the non-AF used NSN. The second one is entered in the Air Force used NSN field and represents the NSN which was originally ordered.

27T8.15. Reason Code 9. Selecting this reason code brings you to the ERRC Data Review Screen.

ERRC Data Review Screen

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D143C ERRC DATA REVIEW RC 9

AF FORM 86 CONTROL # FSC NIIN MMAC

NEW ERRC OLD ERRC

IS THERE A PUBLISHED TECH ORD(Y/N): TECH ORD #:

RATIONALE

RATIONALE

RATIONALE

RATIONALE

RATIONALE

OPTION (OS1,OS2,OS3,RMKS,COOR,EDIT,D043A,CANC) EDIT.

Enter new (suggested) ERRC in the new ERRC field and the old (existing) ERRC in the old ERRC field. At least one line of rationale must be entered. Use this field to explain why the ERRC is being questioned. Provide as much data as possible.

NOTE:

Not to be used when AFTO Form 135 (SMR Change Request) is applicable or when questioning the equipment management of an item (done through MAJCOM).

27T8.16. Status of Requests. All requests will result in the ADRSS transmission of a BBS notification with a two-digit completion/status code and a clear text message. However, you may also look up the status of your request at any time by selecting option 8 (Pending/History File) from the D143C Main Menu. This file will reflect, in the form of raw data, the location and status of your request. Selecting option 8 will provide you with the most current information, since all status changes are immediately reflected. Two-digit status codes are reflected in [Attachment 27T-6](#).

27T8.17. Disconnect from The D143C. If, during submission of a request, you are timed out or cut off from the D143C system for any reason, your control number will immediately go into purge status. This can be verified by checking the pending/history file (option 8). While in purge status, the control number cannot be reused. However, it will be available for reuse the following day.

27T8.18. Part II. Pending Actions/History Data File. This file consists of raw data about AF Form 86 requests. It reveals the path the requests have taken since being suspended in D143C, as well as pertinent information about the status of the requests and the individuals at each activity (base, AFMC LSO/LGIS, and ALC) who have been involved with the submittal and review of the requests. For base activities having direct access to D143C, this file should eliminate all followup transactions submitted for the purpose of determining the latest status of requests or to compensate for nonreceipt of BBS responses from the SBSS.

27T8.19. Access to The Pending Actions/History Data File. To access the Pending Actions/History Data File enter 8 from the main menu screen. This brings you to the Pending Action/History Data Screen. On this screen, enter the AF FORM 86 control number or the NIIN or the CAGE code and reference number you wish to inquire about.

Pending Actions/History Data Screen

D143C PENDING ACTIONS/HISTORY DATA 1/22/92

ENTER ONE OF THE FOLLOWING:

AF FORM 86 CONTROL NUMBER:

NC,ND,K OR NIIN:

CAGE REFERENCE NBR:

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OPTION (CUR,HST,END) CUR.

27T8.19.1. Pending Action File. The option field at bottom of screen will default to CUR for current file. After entering the above information, hit the return (enter) key. If the request is not resident in the Pending Action File, a message will appear at the bottom of the screen indicating that the request is not in the Pending Action File, and the option will default from CUR to HST. Hitting the return key at this point accesses the History File. If the request is neither in current or history, it was never suspended in D143C.

Pending Actions/History Data Screen

D143C PENDING ACTIONS/HISTORY DATA 1/22/92

ENTER ONE OF THE FOLLOWING:

AF FORM 86 CONTROL NUMBER: DU510245

NC,ND,K OR NIIN:

CAGE REFERENCE NBR:

OPTION (CUR,HST,END) HST.

REQUESTED NBR IS NOT IN PENDING ACTIONS-TRY HISTORY

27T8.19.2. D143C Data Screen. If the request is resident in the Pending Action File, the raw data for that request will be reflected on the D143C Data Screen.

D143C Data Screen

ACT CD: TU D143C DATA POS CD: CJ

USER: EBSMZMWALTER 1/22/92 ID CD:

EBSM

CD

DU510248 SE DS I 3DSMZZ SOLIS 945845512/24/91 91358

DU510248 TU CJ EDCRO FIELD

OPTION(+,-,DISP,D043A,RMKS,END) -

PRESS "-" TO PAGE BACK...

27T8.19.3. D143C History List As Of (Date) Screen. When the screened item appears in the History File, a screen entitled D143C History List As Of (Date) is displayed.

D143C Data Screen - HST

ACT CD: TU D143C DATA POS CD: CJ

USER: EBSMZMWALTER 1/22/92 ID CD: EBSM

BZ

4 DU510248A017035012422052 PER VENDOR, PART NUMBER IS MISSING ALPHA (A)

F DU510248A02 PROGRAMMER, MICROCIR X

R DU510248A03D100PG10 4

R DU510248A0455840 5
R DU510248A05 N 7
R DU510248A06P/N SHOULD READ D100PG10A 1
REM
8CCDU510248A01 EDCR FIELDS,R 932 5026 92010
8CC REQUEST FOR P/N CHANGE HAS BEEN FORWARDED TO DLA MANAGING ACTIVITY
TX.
BBSDU510248 7035012422052 Y X69201
8CCDU510248A017035012422052 EDCR FIELDS,R 932 5026 92010
8CC X6 - THE REQUEST TO CHANGE LOGISTICS MANAGEMENT DATA ON A NON AF MAN-
AGED
8CC ITEM HAS BEEN INITIATED, IT SHOULD BE ACCOMPLISHED IN 60 DAYS.
8CCDU510248A01 3DSMZZ SOLIS 945 8455 92007
8CC CONTACT POINT: TONY VALENZUELA #512-349-2621
OPTION(+,-,DISP,D043A,RMKS,END) +
PRESS "+" OR "-" FOR MORE

At this point, you will need to enter the line number of the request you wish to review in the option field below. When screening by NIIN or CAGE code/reference number, the History File may reflect multiple requests. After selecting the line number, the raw data will be reflected on the D143C Data Screen by selecting HST.

D143C History List As Of (Date) Screen

ACT CD: TU D143C HISTORY LIST AS OF 1/22/92 POS CD: CJ
USER: EBSMZMWALTER ID CD: EBSM
FOR DU510245

INIT HIS

LN#	PART NO.	NSN	MMAC	CTRL	KEY	DATE	DATE
0001	200648	7530	DU510245	91351	91353		

OPTION (ENTER LINE NUMBER,+,- OR "END").

27T8.20. Updating Records Maintenance. The data provided in this file can be very useful to you in updating your Records Maintenance files and logs. Requesting status on a request will simply be a matter of accessing the D143C and interpreting the raw data on the D143C Data Screen rather than submitting a BZH (SBSS followup transaction) or a letter/message followup to AFMC LSO/LGIS. In order to interpret the raw data reflected, you need to know that the data is reflected in the following three categories:

27T8.20.1. BZ - The first group of data identifies the initial input of the request into the D143C system in the form of BZ_ transactions. The final letter of the BZ_ document identifier code (DIC) is reflected on the far left. For example, the D143C Data Screen - HST reflects a BZ4, BZF and BZR.

These DICs and their formats and definitions are reflected in [Attachment 27T-1](#), [27T1-Section B](#), [27T1-Section C](#), [Attachment 27T-2](#), [Attachment 27T-3](#), and [Attachment 27T-4](#).

27T8.20.2. REM - The next group of data identifies remarks and completion/status coded transactions. They are identified with 8CC. These are entered by selecting the RMKS option after the request is suspense in the system or by selecting a two-digit completion/status code at the COOR (for completion) or MSSG (for interim messages or statuses) screen. In the case of COOR or MSSG, the 8CC generates a status to the base in the form of a BBS, which is also reflected. D143C reflects this information as well as forwards the BBS with the two-digit completion/status code to the initiating base via ADRSS. The definition of the two-digit completion/status code is reflected in the 8CC which follows the BBS along with the identifying information of the person who initiated the transaction (located above the text). See [Attachment 27T-4](#) for BBS formats. Remarks are displayed in descending order by date (newest to oldest). The expected completion date (BBS with status code of BB) can be found at the bottom (first and oldest entry) of the REM block.

27T8.20.3. CD - The last group of data identifies the coordination for the request. This category reflects the activity code, position code, ID code, name and phone number of the initiator and every workbench the transaction went through. The release date by each person (reviewer or initiator) is also reflected. See [Attachment 27T-4](#) for coordination format both before and after review. For requests still in process (found in Pending Actions File) an asterisk (*) is reflected next to the current location of the request. This information is displayed in ascending order by date (oldest to newest) with the asterisk (*) being reflected on the bottom line of this group of data. If the control number is in the history file, REL (for release) will be reflected on the line of the person who closed the request.

27T8.21. D143C Data Screen Options. The following options are available from the D143C Data screen.

27T8.21.1. PLUS SIGN (+) - This option is used to view additional pages of data for a control number from the Pending Actions/History File. It is displayed on the first page of data.

27T8.21.2. MINUS (DASH) SIGN (-) - This option is used to view previous pages of data on the D143C Data Screen.

NOTE:

D143C defaults to a minus (-) on other than the first page of data when additional pages are not available and to a plus (+) when additional pages are available.

27T8.21.3. DISP - The Base 86 input screens may be displayed at any time from the D143C Data Screen. However, the information on these screens cannot be changed once they are edited and suspended in D143C.

27T8.21.4. RMKS - Anyone viewing the Pending Actions/History Data File may add remarks by selecting this option from the D143C Data Screen or from the displayed request. Only the person whose workbench has the request may take an action other than adding remarks. (NOTE: Base activities do not have workbenches.)

27T8.21.5. D043A - A screening of the part number (reason code 1) or the NSN (reason codes 2 through 9) may be obtained at any time by selecting this option.

27T8.21.6. END - Select this option to exit the pending Actions/History Data File.

27T8.22. Enhancements/Benefits of The Pending Actions/History Data File. Prior to D143C implementation, numerous follow-ups were submitted to AFMC LSO/LGIS because of the unreliability of receiving BBS responses through the SBSS BLAMES (Standard Base Supply System Base Level Automatic Message Extraction System). Some responses were received inconsistently while others weren't received at all. In addition, limited space often made the responses hard to understand. By using the Pending Actions/History Data File, you will:

27T8.22.1. Greatly reduce or even eliminate the labor-intensive practice of initiating mechanized (BZH) and hard copy follow-ups.

27T8.22.2. Receive more complete and more understandable responses.

27T8.22.3. Be able to review any justifications provided for the decision made by reviewing the REM (remarks) portion of the file.

27T8.22.4. Obtain the name and phone number of the final reviewer as well as others involved in the review of the request.

27T8.23. BBS VIA ADRSS. Although you will have easy access to D143C on-line files, BBS responses will continue to be transmitted via ADRSS. However, keep in mind that D143C Data Screen is updated instantly, while data transmitted via ADRSS takes a few days to week to reach you. Because of this, you may receive a BBS via ADRSS after the status has changed again in D143C. When reviewing responses, be sure you check your dates to ensure that you are posting the most current status.

27T8.24. Follow-Ups. There may be times when follow-ups are necessary even though you are able to review the status in D143C. For instance, when a control number has remained in an open or interim status for a long period of time, you may want to followup to speed the processing. This can be done in the following ways:

27T8.24.1. Using DSN Option. Review the CD portion of the D143C Data Screen for the last name reflected with a phone number. If the request is located at AFMC LSO/LGIS (activity TU), that last line will have the asterisk (*) next to it and a phone extension only. Using the DSN prefix of 932 and the extension reflected you can contact the AFMC LSO/LGIS technician responsible for that request. However, if the request is located at an activity other than TU, the asterisk (*) will be reflected on the last line but the line before it will reflect a phone number of the person who reviewed it last. This person can assist you in contacting the person currently responsible for the review of your request (see [Attachment 27T-4](#)).

27T8.24.2. Using RMKS Option. If you prefer not to call or cannot get through to the phone number reflected, you can simply select the RMKS option and enter a message indicating that you would like to followup on your request. Your remarks will automatically become a permanent part of your request. Your name and phone number will be recorded in the REM portion of the D143C Data Screen. The reviewer is obligated to review your remarks along with the rest of the request.

27T8.24.3. Using Letter/Message Option. Letter/message follow-ups may also be submitted to CASC/CCH, 74 N Washington Ave, Battle Creek, MI 49017-3094.

27T8.25. Getting Assistance. If, after reviewing the D143C Data Screen, you are not satisfied with the response or the action taken, contact the reviewer for an explanation. AFMC LSO/LGIS can provide

assistance in this area if you are still not satisfied. Call our help line at DSN 932-HELP (4357)/commercial (616) 961-HELP, or contact the person reflected on the D143C Data Screen in the CD portion with activity TU and position code of CJ.

ATTACHMENT 27T-9

REASON CODE ASSIGNMENT

27T9.1. Purpose. A valid reason code for each AF Form 86 must be assigned by the submitter. Exceptions may apply, as described in Notes 1, 2, 3, and 4.

Table 27T9.1. Reason Code Assignment.

TYPICAL SITUATION FOR SUBMISSION	REASON CODE/ACTION REQUESTED
a. I104 management notice.	
b. Maintenance personnel may identify a part numbered item as having high anticipated demand.	
c. Supply personnel may identify an on-hand and in-use item as an NSN candidate item while performing inventory.	1. New NSN Assignment.
F471 or F473 management notice. Rarely used by base/unit personnel.	2. Adoption of non-AF used NSN.
	3. Disposal or condemnation action.
Maintenance or supply personnel request indicative data changes.	4. Item name, type, part number, technical revision and/or FSC change.
Maintenance or supply personnel suspect indicative data (acquisition advice code, unit of issue) received through SNUD are incorrect. (see Notes 1, 2, 3, & 4).	5. NSN management data review
F470 or 034 management notice.	6. Reinstate a canceled or NSN disposal type
Maintenance or supply personnel request an FSC change.	7. FSC review
F474 management notice.	8. Adoption of non-Air Force used substituted for NSN that has been a valid AF-used NSN.
Maintenance or supply personnel request an ERRC change.	9. ERRC data review.

NOTES:

- 1.(Base Activities) Do not prepare an AF Form 86 for an item that meets any of the following conditions:
 - a.The base is submitting part number requisitions to an AFMC source.
 - b.The base has submitted an AF Form 601, Equipment Action Request, to AFMC.
 - c.The items have a local ERRCD as a result of project CONSTANT SHELTER (chemical warfare defensive materiel). Inventory managers will automatically take cataloging action under the above conditions.
- 2.Do not submit an AF Form 86 for changes to MMACs. Submit a letter to the current IM for IM review and consideration. If the IM requires assistance in their review, the request(s) will be forwarded by the IM to HQ AFMC/XPX for final resolution.
- 3.Do not submit an AF Form 86 if you have submitted an AFTO Form 135, Source, Maintenance, and Recoverability Code Change Request.
- 4.Do not submit AF Forms 86 on items coded in terminal status (that is, acquisition advice code V or Y) in the medical commodity. To determine the appropriate replacement or the reason for the terminal status, contact the local medical materiel manager at the support FM account. For ALC generated AF Forms 86, enter the complete organizational symbol of the activity to whom the form is being forwarded for action. When the form is being forwarded to an off-base activity, enter the complete official mailing address.

ATTACHMENT 27T-10

AF FORM 86 EXCEPTION ROUTINGS

27T10.1. Purpose. To provide a listing of conditions and recipients other than AFMC LSO/LGIS for routing AF Form 86. AFMC LSO/LGIS is the usual recipient of the AF Form 86, with the exceptions listed below. Although it is intended that, in time, all recipients of AF Forms 86 use the D143C, not all recipients may when you submit yours. If the recipient is not accessible through the D143C, the D143C will inform you. D143C will also list the recipient's name and address in order for you to submit a hard copy AF Form 86.

CONDITIONSRECIPIENT:FSG 83

FSG 84 (except 8475)

FSC 7210

FSC 9420

FSC 9430Air Force Clothing and Textile Office

(AFC&TO/LDIC)

PO Box 8419

South 20th Street

Philadelphia PA 19101-8419

FSG 68

FSG 91

FSC 8120

DESC-RR

Bld 1621-K

2261 Hughes

Suite 128

Lackland AFB, TX 78236-9826

Attn: Mr. Richard Gohn

FSC 5810

FSC 5811

MMAC CA, CI or CS HQ Cryptologic Systems Group

Information Assurance Directorate, (ESC/DIW)

Lackland AFB, San Antonio, Texas, 78243

FSG 65

Source of supply S9MAir Force Medical Logistics Office
(AFMLO/FOZ)

Fort Detrick

Frederick MD 21701-5006

FSG 89(see Note 1)

Detachment 1 of the Air Force Morale, Welfare and Recreation Agency

(D1AFMWRA/MWHBR)

Tyndall AFB FL 32403-6001.

NOTE:

Do not submit an AF Form 86 for items in FSG 89. If you have a question about whether an item belongs in FSG 89 or about an item in FSC 89, send a letter or message to D1AFMWRA/MWHBR for review. Identify the item and include a description of it. If the request is valid and approved, D1AFMWRA/MWHBR will send its recommendations to the Defense Supply Center Philadelphia, DSCP/STC, Philadelphia PA 19101, for action as required. If DSCP/STC disapproves the request, D1AFMWRA/MWHBR will send a response to the initiator.

ATTACHMENT 27U-1

REPARABLE ITEM MOVEMENT CONTROL INPUT (BDR/BV8)

27U1.1. Purpose.

27U1.1.1. To load, change, or delete reparable item movement control data on the repair cycle record. These data include the reparable destination or disposition code and, for unserviceable shipments, the priority designator, the mark-for, and the project code.

27U1.1.2. To load shell shipping destination records when a new record is required.

27U1.2. Input Restrictions. May be input through terminal, based upon user-ID/password.

27U1.3. Output. See Reparable Item Movement Control Data Load, Change, or Delete Notice ([Attachment 27U-2](#)).

27U1.4. Input Format and Entry Requirements (SCREEN BDR/219).

Table 27U1.1. Screen BDR/219.

POS	NO POS	FIELD DESIGNATION	REMARKS/NOTES
1-3	3	Document Identifier Code	BDR or BV8
4	1	Reparable Item Movement Control Code	Note 1
5-6	2	Priority Designator (for Unserviceable Shipments)	Note 2
7	1	Blank	
8-22	15	Stock Number	Note 3
23-25	3	Monitoring IM/SSM	Note 4
26	1	Blank	Blank
27-31	5	Ordinal Date	Note 9
32-37	6	Ship-to (DOD Activity Address Code)	Note 5
38-43	6	Ship-to (DOD Activity Address Code)	Note 5
44-49	6	Ship-to (DOD Activity Address Code)	Note 5
50-56	7	Mark For	Note 6
57-59	3	Project Number	Note 6
60	1	Ownership Code	Note 6
61-76	16	Blank	
77	1	Nearest Ship-to Flag	Note 7
78	1	Load Control Code	Notes 6, 8
79-80	2	System Designator (Satellite)	Notes 6, 8

NOTES:

1. Refer to **volume 1, part 2, chapter 3**, for codes. All codes will be stored in the 102-Repr-Item-Disp-Flg of the repair cycle record.
2. Must be 01 through 15 if RIMCS code authorizes shipment.
3. You must match a loaded item record with either ERRCD XD1, XD3, or XF3.
4. May be blank in locally produced input.
5. If RIMCS code authorizes shipment, then one or more ship-to codes must be entered, beginning in positions 32-37. Input with more than one ship-to code will reject.
6. May be blank.
7. When positions 32-49 contain multiple ship-to Stock Record Account Numbers (SRANs), the program will output an F006 reject notice. After you screen input to determine the nearest ship-to SRAN, enter a 1, 2, or 3 in position 77 and reprocess.

FLAG IN POSITION 77 DEFINITION

1	Nearest ship-to is in positions 32-37
2	Nearest ship-to is in positions 38-43
3	Nearest ship-to is in positions 44-49

8. The following information applies:
 - a. If the load control code is blank, data will be loaded to ALL repair cycle records, regardless of system designator.
 - b. If the load control code is 0, data will be loaded to all repair cycle records with numeric system designators (nonsatellites).
 - c. If the load control code is 1, data will be loaded ONLY to the repair cycle record with the satellite system designator in positions 79-80.
9. The ordinal date in the BDR input updates the date-of-last RIMCs update on the repair cycle record. If the ordinal date is less than the date on the record, no updates will process as a result of the BDR input.

ATTACHMENT 27U-2

REPARABLE ITEM MOVEMENT CONTROL DATA LOAD, CHANGE, OR DELETE NOTICE

27U2.1. Purpose. To provide a notice resulting from a BDR or BV8 input.

27U2.2. Output Destination. Records Maintenance terminal or Computer Operations /main system.

NOTE:

If Computer Operations/main system was used to input, and if the input was completely processed, then there will be no printed output.

27U2.3. Input. See Reparable Item Movement Control Input (BDR/BV8) ([Attachment 27U-1](#)).

27U2.4. Output Format.

Table 27U2.1. Output Format.

PRINT LINE	POS	FIELD DESIGNATION	REMARKS/NOTES
1	1-80	Input Image	Input
2	1-80	Action Phrase	Program/Note 1
3	1-51	Shell Record Notice	Program/Note 2
4	1-48	FWD TO SUPPORT RECORDS	Program Constant

NOTES:

- 1.PROCESSED ON (date) or an appropriate reject phrase.
- 2.This applies only when a shell shipping destination record is loaded by the program; otherwise, print line 3 will be blank.

ATTACHMENT 27V-1

REPAIR CYCLE RECORD INDICATIVE DATA LOAD/CHANGE/DELETE/INQUIRY (FRR1)

27V1.1. Purpose.

27V1.1.1. To load, change, or delete exception repair cycle days.

27V1.1.2. To load, change, or delete the designated base repair activity organization and/or shop code.

27V1.1.3. To load, change, or delete repair cycle indicative data.

27V1.1.4. To load, change, or delete repair cycle record balance fields by adding to, subtracting from, or zeroing the field.

27V1.1.5. To inquiry repair cycle record data.

27V1.2. Input Restrictions. May be input at any terminal, based on the user-ID/password.

27V1.3. Output. When input processes, no output notices are produced. Reject notices are produced when applicable.

27V1.4. Input Format and Entry Requirements. SCREEN FRR1/485.

Table 27V1.1. Input Format and Entry Requirements.

POS	NO POS	FIELD DESIGNATION	REMARKS/NOTES
1-3	3	Transaction Identification Code	FRR
4	1	Screen Identification Code	1
5	1	Inquiry Code	Note 1
6-7	2	System Designator	Mandatory
8-22	15	Stock Number	Mandatory
23-25	3	Organization Code Designated Base Repair Activity	Note 2
26-27	2	Shop Code Designated Base Repair Activity	Note 2
28-33	6	SRAN	
34-36	3	Project Code	Note 2
37-38	2	Shipment Priority	Note 2
39	1	NRTS-1 Indicator	Y or N
40	1	Two-Level Maintenance Flag (2LM)	Notes 2, 3
41-42	2	Exception Repair Cycle Days	Notes 2, 4
43	1	Current Quarter AWP Days Action Code	Note 5
44-45	2	Current Quarter AWP Days	Note 6
46	1	Current Quarter AWP Occurrences Action Code	Note 5
47-48	2	Current Quarter AWP Occurrences	Note 6
49	1	Average AWP Days Past Quarter Action Code	Note 5
50-51	2	Average AWP Days Past Quarter	Note 6
52	1	Current Quarter Number Reparable Generations Not Repaired (NRTS) Condemn Days Action Code	Note 5
53-54	2	Current Quarter NRTS Condemn Days	Note 6
55	1	1st Quarter NRTS Condemn Days Action Code	Note 5
56-57	2	1st Quarter NRTS Condemn Days	Note 6
58	1	2nd Quarter NRTS Condemn Days Action Code	Note 5
59-60	2	2nd Quarter NRTS Condemn Days	Note 6
61	1	3rd Quarter NRTS Condemn Days Action Code	Note 5
62-63	2	3rd Quarter NRTS Condemn Days	Note 6
64	1	Current Quarter Net Repair Cycle Days Action Code	Note 5
65-66	2	Current Qtr Net Repair Cycle Days	Note 6
67	1	1st Quarter Net Repair Cycle Days Action Code	Note 5
68-69	2	1st Quarter Net Repair Cycle Days	Note 6
70	1	2nd Quarter Net Repair Cycle Days Action Code	Note 5
71-72	2	2nd Quarter Net Repair Cycle Days	Note 6
73	1	3rd Quarter Net Repair Cycle Days Action Code	Note 5
74-75	2	3rd Quarter Net Repair Cycle Days	Note 6
76	1	4th Quarter Net Repair Cycle Days Action Code	Note 5
77-78	2	4th Quarter Net Repair Cycle Days	Note 6
79	1	5th Quarter Net Repair Cycle Days Action Code	Note 5
80-81	2	5th Quarter Net Repair Cycle Days	Note 6

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NOTES:

1. This field may be blank or contain an I to inquiry. This option is only available when using screen #485. The screen will be filled with appropriate data to review and/or change as necessary. When this option is used, all other options are ignored.
2. An asterisk (*) in position 1 blanks this field. For org and shop, an asterisk in one field will blank the other. For shipment priority, an asterisk in position 1 puts zeroes in this field.
3. Authorized codes are A, B, C, D, or E. See chapter 9 for specific 2LM information.
4. When repair cycle records are loaded, this field will contain blanks. Zeros in this field does not indicate that this field is blank. **CAUTION:** Be careful when changing this field because data in this field has an effect on the demand level during requirements computation.
5. Authorized action codes are:
 - a. A - Add to a balance field.
 - b. S - Subtract from a balance field.
 - c. Z - Zero out a balance field.
6. This field may not be zero or blank for action codes A or S. This field will be ignored when the action code is Z.

ATTACHMENT 27V-2

REPAIR CYCLE RECORD QUANTITATIVE DATA LOAD/CHANGE/DELETE/INQUIRY (FRR2)

27V2.1. Purpose.

27V2.1.1. To load, change, or delete repair cycle record balance fields by adding to, subtracting from, or zeroing the field.

27V2.1.2. To inquiry repair cycle record data.

27V2.2. Input Restrictions. May be input at any terminal, based on the user-ID/password.

27V2.3. Output. When input processes, no output notices are produced. Reject notices are produced when applicable.

27V2.4. Input Format and Entry Requirements (SCREEN FRR2/486).

Table 27V2.1. Input Format and Entry Requirements.

POS	NO POS	FIELD DESIGNATION	REMARKS/ NOTES
1-3	3	Transaction Identification Code	FRR
4	1	Screen Identification Code	2
5	1	Inquiry Code	Note 1
6-7	2	System Designator	Mandatory
8-22	15	Stock Number	Mandatory
23	1	Number of Units Turned In (1) Action Code	Note 2
24-26	3	Number of Units Turned In (1)	Note 3
27	1	Number of Units Turned In (2) Action Code	Note 2
28-30	3	Number of Units Turned In (2)	Note 3
31	1	Number of Units Turned In (3) Action Code	Note 2
32-34	3	Number of Units Turned In (3)	Note 3
35	1	Number of Units Turned In (4) Action Code	Note 2
36-38	3	Number of Units Turned In (4)	Note 3
39	1	Number of Units Turned In (5) Action Code	Note 2
40-42	3	Number of Units Turned In (5)	Note 3
43	1	Number of Units Turned In (6) Action Code	Note 2
44-46	3	Number of Units Turned In (6)	Note 3
47	1	Number of Units Turned In (7) Action Code	Note 2
48-50	3	Number of Units Turned In (7)	Note 3
51	1	Number of Units Turned In (Other Numeric) Action Code	Note 2
52-54	3	Number of Units Turned In (Other Numeric)	Note 3
55	1	Number of Units Turned In (A) Action Code	Note 2
56-58	3	Number of Units Turned In (A)	Note 3
59	1	Number of Units Turned In (B) Action Code	Note 2

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60-62	3	Number of Units Turned In (B)	Note 3
63	1	Number of Units Turned In (D) Action Code	Note 2
64-66	3	Number of Units Turned In (D)	Note 3
67	1	Number of Units Turned In (F,G) Action Code	Note 2
68-70	3	Number of Units Turned In (F,G)	Note 3
71	1	Number of Units Turned In (J,K,L) Action Code	Note 2
72-74	3	Number of Units Turned In (J,K,L)	Note 3
75	1	Number of Units Turned In (Z) Action Code	Note 2
76-78	3	Number of Units Turned In (Z)	Note 3
79	1	Number of Units Turned In (Other Alpha) Action Code	Note 2
80-82	3	Number of Units Turned In (Other Alpha)	Note 3
83	1	Current Quarter Number Repairable Generations Repaired (RTS) Action Code	Note 2
84-86	3	Current Quarter Number Repairable Generations RTS	Note 3
87	1	1st Quarter Number Repairable Generations RTS Action Code	Note 2
88-90	3	1st Quarter Number Repairable Generations RTS	Note 3
91	1	2nd Quarter Number Repairable Generations RTS Action Code	Note 2
92-94	3	2nd Quarter Number Repairable Generations RTS	Note 3
95	1	3rd Quarter Number Repairable Generations RTS Action Code	Note 2
96-98	3	3rd Quarter Number Repairable Generations RTS	Note 3
99	1	4th Quarter Number Repairable Generations RTS Action Code	Note 2
100-102	3	4th Quarter Number Repairable Generations RTS	Note 3
103	1	5th Quarter Number Repairable Generations RTS Action Code	Note 2
104-106	3	5th Quarter Number Repairable Generations RTS	Note 3
107	1	Current Quarter Number Repairable Generations Condemned Action Code	Note 2
108-110	3	Current Quarter Number Repairable Generations Condemned	Note 3
111	1	1st Quarter Number Repairable Generations Condemned Action Code	Note 2
112-114	3	1st Quarter Number Repairable Generations Condemned	Note 3
115	1	2nd Quarter Number Repairable Generations Condemned Action Code	Note 2
116-118	3	2nd Quarter Number Repairable Generations Condemned	Note 3
119	1	3rd Quarter Number Repairable Generations Condemned Action Code	Note 2
120-122	3	3rd Quarter Number Repairable Generations Condemned	Note 3
123	1	4th Quarter Number Repairable Generations Condemned Action Code	Note 2
124-126	3	4th Quarter Number Repairable Generations Condemned	Note 3

127	1	5th Quarter Number Reparable Generations Condemned Action Code	Note 2
128-130	3	5th Quarter Number Reparable Generations Condemned	Note 3
131	1	Current Quarter Number Reparable Generations Not Repaired (NRTS) Action Code	Note 2
132-134	3	Current Quarter Number Reparable Generations NRTS	Note 3
135	1	1st Quarter Number Reparable Generations NRTS Action Code	Note 2
136-138	3	1st Quarter Number Reparable Generations NRTS	Note 3
139	1	2nd Quarter Number Reparable Generations NRTS Action Code	Note 2
140-142	3	2nd Quarter Number Reparable Generations NRTS	Note 3
143	1	3rd Quarter Number Reparable Generations NRTS Action Code	Note 2
144-146	3	3rd Quarter Number Reparable Generations NRTS	Note 3
147	1	4th Quarter Number Reparable Generations NRTS Action Code	Note 2
148-150	3	4th Quarter Number Reparable Generations NRTS	Note 3
151	1	5th Quarter Number Reparable Generations NRTS Action Code	Note 2
152-154	3	5th Quarter Number Reparable Generations NRTS	Note 3

NOTES:

- 1.This field may be blank or contain an I to inquiry. This option is only available when using screen #486. The screen will be filled with appropriate data to review and/or change as necessary. When this option is used, all other options are ignored.
- 2.Authorized action codes are:
 - a.A - Add to a balance field.
 - b.S - Subtract from a balance field.
 - c.Z - Zero out a balance field.
- 3.This field may not be zero or blank for action codes A or S. This field will be ignored when the action code is Z.

ATTACHMENT 27W-1

ROUTING IDENTIFIER CODE TO DODAAC CONVERSION RECORD LOAD, CHANGE, OR DELETE INPUT (RDC)

27W1.1. Purpose. To load, change, or delete a routing identifier code (RIC) to a DODAAC conversion record.

27W1.2. Input Restrictions. Any host base terminal.

27W1.3. Output. None.

27W1.4. Input Format and Entry Requirements (SCREEN RDC/232).

Table 27W1.1. Screen RDC/232

POS	NO POS	FIELD DESIGNATION	REMARKS/NOTES
1-3	3	Transaction Identification Code	RDC
4-5	2	Blank	
6-8	3	Routing Identifier Code	Notes 1, 4
9-14	6	DODAAC	Note 2
15-79	65	Blank or Local Comments	
80	1	Action Code	Note 3

NOTES:

1. Enter the appropriate routing identifier code. The routing identifier code must be alpha/numeric; no blanks.
2. Enter the appropriate DODAAC. The DODAAC must be alpha/ numeric; no blanks.
3. Enter L for load, C for change, or D for delete. To change the RID on an existing DODAAC conversion record, you must delete the old record and load the new record.
4. For Agile Logistics/Two-Level Maintenance assets, assign the first three positions of the warehouse location. For example, if the warehouse location is 01A026G012, enter 01A in positions 6-8. Positions 9-10 will contain the system designator and positions 11-14 will contain the SRAN.

ATTACHMENT 27X-1

DELIVERY DESTINATION RECORD LOAD, CHANGE, OR DELETE (1DE)

27X1.1. Purpose. To load, change, or delete delivery destination records.

27X1.2. Input Restrictions. May be input from any terminal based upon user-ID/password.

27X1.3. Output. None.

27X1.4. Input Format and Entry Requirements (SCREEN 1DE/463).

Table 27X1.1. Input Format and Entry Requirements.

POS	NO POS	FIELD DESIGNATION	REMARKS/NOTES
1-3	3	Transaction Identification Code	1DE
4	1	Action Flag	Note 1
5	1	Blank	
6-7	2	System Designator	
8-12	5	Organization/Shop Code (or blank)	Note 2
13-15	3	Blank	
16-18	3	Delivery Destination Code (or blank)	Notes 2, 5
19	1	Blank	
20-41	22	Delivery Destination-1	Note 3
42-62	21	Delivery Destination-2	Note 3
63	1	Off-Base Indicator	Note 4
64-72	9	Zip Code	

NOTES:

1. Enter L to load, C to change, or D to delete, I to inquiry.
2. Either positions 8 through 12 or 16 through 18 must have valid data entered, but it cannot be both.
3. Data entered in positions 20 through 41 are reflected in line 2 of the ship-to block of the DD Form 1348-1A. Data entered in positions 42-62 are reflected in line 3 of the ship-to block of the DD Form 1348-1A. Positions 20 through 62 cannot be blank for new delivery destination record loads. This is a local use field; information loaded to this area can be used for anything of help to local management.
4. Enter Y if off base or an N if not off base. These codes are for supply point delivery destinations only.
5. Load only if there is a delivery destination other than that assigned to the organization/shop code.

ATTACHMENT 27Y-1

DOWNLOADING USING INFOCONNECT “DATAEXPRESS”

27Y1.1. Purpose. To download data files from the SBLC onto a floppy disk or onto the hard drive for use in a PC program.

27Y1.2. Procedures For Downloading.

27Y1.2.1. Once you are in the Windows environment, click on the “Start” button, then “Programs”, “InfoConnect”, and “DataXpress”:

27Y1.2.2. Take the cursor to the top-line menu, and select “File”, and then “Mini-Terminal”. Once the demand page comes up, use these steps to open up you session:

“\$\$OPEN XXXX” <TRANSMIT>

“PASSWORD” <TRANSMIT>

(Clear screen once your password has been accepted)

<TRANSMIT>

“ACCT. INDEX (1-5) = X <TRANSMIT>

<TRANSMIT>

When the SOE comes up, use “IPF” to ensure that
there is something in that file.

Click on the “CLOSE” option to close the session.

27Y1.2.3. Go back to the top-line menu and click “Transfer”. Then “download host file back to Micro”.

Enter the Host file name

Enter the Micro file name

27Y1.2.4. Click on “option” and make sure the only blocks checked are “Add carriage returns to line feeds” and “Add MS-DOS end-of-file character”.

27Y1.2.5. The download is completed when you see 100% percent completed on the screen.

27Y1.3. Configuration Setting. Ensure your configuration is set up as such., To do this, go up to the top-line menu, click on “Preference”, “Session”, and then “Edit”.

Table 27Y1.1. Configuration Settings.

CONFIGURATIONS	REQUIRED SETTINGS
TRANSLATION TABLE	only select “Country” option

CONFIGURATIONS	REQUIRED SETTINGS
HOST PARAMETER	select "Demand" mode, and for demand mode parameters, ensure the demand line has (i.e., "@XQT 1CC*DX-UTILS.DXD")
HOST RESTRICTIONS	select "Overwrite an existing host file and as the default file qualifier (i.e., "0gv00000*")"
COMMUNICATION	UPLOAD Buffers = 2; Characters per buffer = 3700; DOWNLOAD - Buffer = 5; Characters per buffer - 3700 TIMEOUTS = Normal = 60 seconds TIP Special = 3 minutes

ATTACHMENT 27Y-2

EXCEPTION CODE CONTROL PROGRAM (NGV 780/UTL780)

27Y2.1. Purpose. To provide a system data file to be input into the microcomputer program to identify and monitor items requiring exception processing.

27Y2.2. Program Logic. See chapter 6, attachment 6A-39, for selection criteria and parameters for these report.

27Y2.3. File Name. When you download this file, save it to the C:\ECC directory under file name "SBSS.DAT".

ATTACHMENT 27Y-3

RECORD FORMAT FOR THE SBSS.DAT FILE

27Y3.1. Purpose. To provide a record description of the downloaded file that's is loaded into the ECC program.

27Y3.2. Record Format.

Table 27Y3.1. Record Format.

POSITION	TITLE	TYPE/CLASS
1-15	Stock Number (15)	A/N
16-18	Routing Identifier (3)	A/N
19-20	ERRCD	(2)
21	Multiple DIFM (1)	Character
22	Functional Check (1)	A/N
23	SPC (1)	A/N
24	Other Asset (1)	Character
25	Excess Exception Code (1)	A/N
26	Issue Exception Code (1)	A/N
27	Requisition Exception Code (1)	A/N
28	Shipment Exception Code (1)	A/N

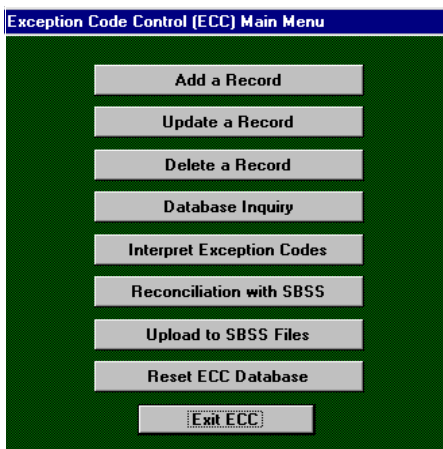
ATTACHMENT 27Y-4

ECC MAIN MENU

27Y4.1. Purpose . To provide the user a display of the ECC options and various functions of the MSD microcomputer software.

27Y4.2. Access : Once the ECC program has been initiated, and the database has been loaded, this screen will automatically be displayed.

Figure 27Y4.1. ECC Main Menu.



ATTACHMENT 27Y-5

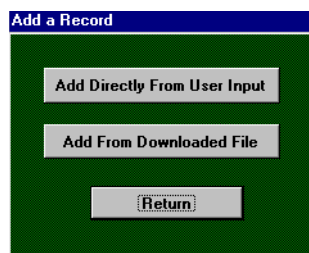
ADDING A RECORD

27Y5.1. Purpose. This option allows you to add single or multiple stock numbers to your database.

27Y5.2. Access. Access to this option is from the main menu., Click on the "add a record" option, or tab down to option.

27Y5.3. Adding a Record.

Figure 27Y5.1. Add a Record Menu.



27Y5.4. Additional Stock Numbers. There are two ways in which to add additional stock numbers to your database:

27Y5.4.1. "Add directly from user input" is the manual input, one stock number at a time.

27Y5.4.2. "Add from download file" allows you to load several records at one time. This option will prompt you with "Do you wish to print the downloaded records"? If you select "yes", then the program will automatically send output to the printer, as well as provide you with a record count of what was downloaded. If you select "no", then the program will still give you a record count of how many were added to the ECC database.

27Y5.4.3. After you select "Add directly from user input", the following screen will appear in which you can enter your indicative data.

Figure 27Y5.2. Add a Record (continued).

The screenshot shows a web form titled "Add a Record to ECC". The form has a dark green header and a light green body. It contains several input fields and checkboxes. The fields are arranged in two columns. The left column includes "Stock Number:", "Routing Identifier:", "Expiration Date:" (with a dropdown set to "0"), "Supervisor:", "Multiple DIFM Ind:", and "Functional Chk Ind:". The right column includes "ERRCD:", "SPC:", "Other Asset Ind:", "Validation Date:" (with a dropdown set to "0"), "Approval Date:" (with a dropdown set to "0"), and "PPC:". Below these fields is a section for "Exception Codes" with checkboxes for "Excess:", "Requisition:", "Issue:", and "Shipment:". To the right of this section are two text input fields labeled "Requested By:" and "Office Symbol:". At the bottom of the form are four buttons: "Instructions", "Save and Return", "Add to SBSS Upload Table", and "Return".

27Y5.4.4. Select the "instructions" option and this screen will be displayed, allowing the input of local unit instructions or locally assigned exception codes.

Figure 27Y5.3. Instructions Option.

The screenshot shows a web form titled "Instructions for". The form has a dark green header and a light green body. It contains a text input field for "National Stock Number:". Below this is a section for "SPECIAL INSTRUCTIONS" with a large text area and a vertical scrollbar. Below that is a section for "PROCESSING INSTRUCTIONS" with a large text area. At the bottom of the form are three buttons: "Save", "Add to SBSS Upload Table", and "Return".

27Y5.4.4.1. To add the record permanently to the file, select the "Save " option.

27Y5.4.4.2. To add record to be uploaded into the SBSS upload table, select "Add to SBSS upload table".

27Y5.4.4.3. To return to the "Add a Record" screen, select the "Return" button.

ATTACHMENT 27Y-6

UPDATE A RECORD

27Y6.1. Purpose. This option allows you to change indicative data on the record within the program.

27Y6.2. Access. Access to this option is from the main menu., Click on the "update a record" option, or tab down to option.

27Y6.3. Updating a Record. This option will give you the ability to select the stock number to be updated.

Figure 27Y6.1. Update a Record.

27Y6.3.1. Click on the stock number to be changed., Then click "Update"., This will display the record you want to change.

Figure 27Y6.2. Update a Record (continued).

27Y6.3.2. Click on "instructions"., It will give you "Update Record" message., after making your changes, it will display an "Update successfully" message. Click "OK", and it will return to the main menu.

27Y6.3.3. The "Save & Return", "Update SBSS Upload Table and Return" option have the same functionality as the "add a record" option. Under the Update SBSS Upload Table, the program will state, "There are no records in the SBSS upload tables for this NSN to update. Do you wish to create one?"

27Y6.3.3.1. If yes, then you are then prompted with 2 two more options:

27Y6.3.3.1.1. Stock Control Data Screen - this screen allows you to fill in stock control data for this stock number, and then click "save and return". A message will be displayed, "NSNs added successfully in the SCD table, click ok."

27Y6.3.3.1.2. Part Preference Code - this screen allows you to assign a code indicating the order of preference assigned to an item in the ISG. Enter your data and then click on the "Save and Return" option.

ATTACHMENT 27Y-7

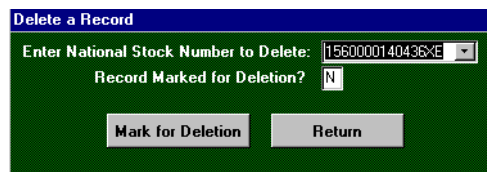
DELETE A RECORD

27Y7.1. Purpose. To remove stock numbers from the ECC database.

27Y7.2. Access. Access to this option is from the main menu., Click on the "update a record" option, or tab down to option.

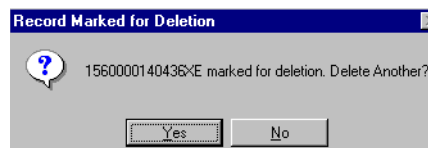
27Y7.3. Delete a Record Option. This option gives you the ability to remove stock numbers from programs. Once you select this option, you will then be prompted to select a stock number from the drop-down menu. and Click "mark for deletion". You will then be asked if you want to delete another?

Figure 27Y7.1. Delete A Record.



27Y7.3.1. A screen reflecting "verify marked record" will be displayed reflecting the data to be deleted. You will receive a message stating that the NSN has been marked for deletion, delete another? If you decide to delete another one, you will receive the above screen again to select the next stock number. If you decide not to delete another one, you will receive the message "verify records marked for deletion", and a screen will be displayed reflecting the data for that stock number.

Figure 27Y7.2. Verify Marked Records.



27Y7.3.2. Select one of the following options to complete this request:

27Y7.3.2.1. Delete record and verify next selection., A box appears saying "records deleted-verification complete."

27Y7.3.2.2. Re-insert this record and verify next deletion. Re-insert NSNs and pull up the next one if there is one to be verified.

27Y7.3.2.3. Quit verification - and delete all marked records. (When all records have been deleted, you will receive the message, d "verification complete".) Then go back to the main menu.

ATTACHMENT 27Y-8

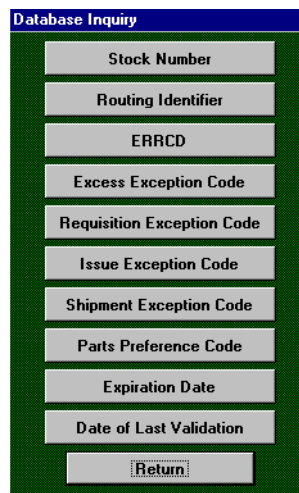
DATABASE INQUIRY

27Y8.1. Purpose. To allow users to inquire using certain criteria.

27Y8.2. Access. Access to this option is from the main menu., Click on the "update a record" option, or tab down to option.

27Y8.3. Database Inquiry Options. The following options allow the user to inquire using certain criteria instead of running the entire database for a particular selection. This option provides you with ten 10 sub-options to select.

Figure 27Y8.1. Database Inquiry.



The screenshot shows a software interface titled "Database Inquiry" in a blue header bar. Below the header, there is a vertical list of ten gray rectangular buttons, each containing a specific query criterion. From top to bottom, the buttons are labeled: "Stock Number", "Routing Identifier", "ERRCD", "Excess Exception Code", "Requisition Exception Code", "Issue Exception Code", "Shipment Exception Code", "Parts Preference Code", "Expiration Date", and "Date of Last Validation". At the bottom of the list is a button labeled "Return" with a dotted border.

27Y8.3.1. Stock number query allows you the ability to inquire by one stock number or against all the stock numbers in the database.

27Y8.3.2. Routing Identifier allows you to input a certain routing identifier and then click "Query." The query will pull the records of all the same routing identifiers allowing you to view the records. This screen allows you to navigate from one record to the next one.

27Y8.3.3. ERRCD allows you to input a certain ERRC and then click "Query", This will pull the records for that particular ERRCD. This screen will allow you to navigate from one record to the next one.

27Y8.3.4. Excess Exception Code allows you to inquire one EEC code or all ECCs that are loaded in the database.

27Y8.3.5. Requisition Exception Code allows you to input a certain REX code for viewing.

27Y8.3.6. Issue Exception Code allows you to input a certain IEX code for viewing.

27Y8.3.7. Shipment Exception Code allows you to inquire for one SEX or for all SEXs codes that are loaded in the database.

27Y8.3.8. Parts Preference Code allows you to inquire for one PPC or for all PPCs that are loaded in the database.

27Y8.3.9. Query Expiration dates allows you to input a particular date and it will deletes all records on or before that Julian date.

27Y8.3.10. Date of last validation allows you to query a particular date and will it deletes all records on or after that Julian date.

ATTACHMENT 27Y-9

INTERPRET EXCEPTION CODE

27Y9.1. Purpose. Provides a breakdown of the most commonly used exception codes.

27Y9.2. Access. Access to this option is from the main menu., Click on the "update a record" option, or tab down to option.

Figure 27Y9.1. Exception Code Phrase Records.

Exception Code Phrase Records			
<div>ExcessIssueRequisitionShipment</div>			
EXCESS EXCEPTION PHRASE RECORDS			
AFMAN 23-110, V2, PT 2, CHAP 19, ATTACH 19F-3			
CODE	ENC	EXCEPTION PHRASE	MONITOR
1	P	Report excess to other Inventory Manager	Stock Control
2	P	Item retained for Command Redistribution	Stock Control
3	P	Report excess to MAJCOM	Stock Control
4	P	Seasonal item (Note 4)	Stock Control
5	P	Hold for attrition (Note 4)	Stock Control
6	P	Special processing required - Random Length Item(Note 1)	Stock Control
7	R	HQ USAF directed retention item (Note 4)	Stock Control
8	P	AFTO Form 375 Req'd (See Chap. 22, Sect. K)	Stock Control
A	R	AFEMS Excess Exception Redistribution Pgm	Stock Control
B-Z		Assigned by MAJCOM/bases to identify ISSL's(Note 2,3)	
Return to Main Menu			

Figure 27Y9.2. Issue Exception Phrase Records.

Exception Code Phrase Records			
<div>Excess</div> <div>Issue</div> <div>Requisition</div> <div>Shipment</div>			
ISSUE EXCEPTION PHRASE RECORDS			
AFMAN 23-110, V2, PT2, CHAP 11, ATTACH 11A-9			
CODE	ENC	EXCEPTION PHRASE	MONITOR
1	R	Standby Item	Stock Control
2		Reserved for HQ SSG	
3	R	Base Service Store Item	Base Service Store
4	R	Post-Post (Random Length Item)	Storage and Issue
5	R	Time Change Item	Repair Cycle
6	R	Individual Equipment Item (Note 1)	IEE
7	P	Generates Hazardous Waste (Note 7)	Inspection
8	P	Health Hazard - Medical Notif Req'd (Note 2)	Inspection
9	P	Health Hazard - Medical Certif Req'd (Note 2)	Inspection
A	R	Reserved for HQ SSG	
B	P	Warranty/Guaranty/Serial Numbered Item (Note 9)	Inspection
C	R	MWR Peculiar Item	DP/IEE
D	R	Do Not B/O (Note 3)	Stock Control
E	R	Retail Outlet (IEE)	IEE
F	R	Breakdown Into Components	Inspection
G	R	Civil Engineer Item (Note 4)	CE
H	P	Engine Manager Controlled Item (Note 6)	Repair Cycle
Return to Main Menu			

Figure 27Y9.3. Requisition Exception Phrase Records.

Exception Code Phrase Records			
<div>Excess</div> <div>Issue</div> <div>Requisition</div> <div>Shipment</div>			
REQUISITION EXCEPTION PHRASE RECORDS			
AFMAN 23-110, V2, PT 2, CHAP 9, ATTACH 9C-6			
CODE	ENC	EXCEPTION PHRASE	MONITOR
0	P	Satellite Procurement (See Note 5)	Stock Control
1	R	Do Not Requisition (See Section D)	Stock Control
2	P	No LP-LM Source Available, Assign Advice Code 2A	Stock Control
3	R	Do Not Requisition (See Chapter 27, Section H)	Records Maint
4	R	Do Not Requisition	Stock Control
5	P/R	Additional Remarks Required	Stock Control
6	R	Warranted Tools (See Chapter 23, Section F)	Base Serv Store
7	P	Annual Re-Supply	Stock Control
9	P	Support Commercial Vehicles	Stock Control
A-V		Assigned as required by MAJCOM and/or base	
W	P	Spares for Commercial Construction Equipment	Stock Control
X	P	Spares for Material Handling Equipment	
Y		Reserved for HQ SSG	Stock Control
Z	P	Command Repair Facility	Stock Control
Return to Main Menu			

Figure 27Y9.4. Shipment Exception Phrase Records.

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Exception Code Phrase Records							
Excess		Issue		Requisition		Shipment	
SHIPMENT EXCEPTION PHRASE RECORDS							
AFMAN 23-110, V2, PT 2, CHAP 15, ATTACH 15A-1							
CODE	ENC	EXCEPTION PHRASE				MONITOR	
1	R	Do not Ship Assets Frozen				Stock Control	
2	R	Request Disposition from IM				Stock Control	
3	R	Contract Maintenance Item				Stock Control	
4	R	AFTO Form 375 Req'd (See Chap 22, Sect K)				Stock Control	
5		Reserved for HQ SSG					
6		Reserved for HQ SSG					
7	R	TIN/SHP REM Component				Stock Control	
8		Reserved for HQ SSG					
9		Reserved for HQ SSG					
A-Z		Locally Assigned					
Return to Main Menu							

ATTACHMENT 27Y-10

RECONCILIATION WITH SBSS

27Y10.1. Purpose. To match the created ECC record in the program with the records loaded in the SBSS.

27Y10.2. Access. Access to this option is from the main menu., Click on the "Reconciliation with SBSS" option, or tab down to option.

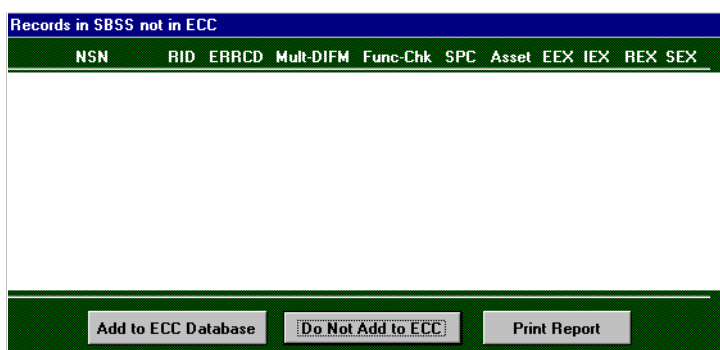
27Y10.3. Reconciliation Steps. There are 3 three reconciliation steps taken with this option., The first one will locate the first ECC received in the SBSS file. If nothing is there, then you will get a not found in the ECC database message. This step will reflect the records in the SB SS that are not in the ECC program.

Figure 27Y10.1. Reconcile Step One.



27Y10.3.1. If there were any records in SBSS and that were not in ECC, then they would be reflected in the bottom screen.

Figure 27Y10.2. Records in SBSS Not In ECC.



27Y10.3.1.1. You have the option to "Add or Not Add" ECC records to the database and a the option to print the report.

27Y10.3.2. The second step will give you a message which says, "now ECC will locate ECC records in the ECC database, not found in the SBSS file, click OK". This step reflects a list of records in the ECC that are not in the SBSS. You have the option to delete or not delete from the ECC database, and a the option to print the report.

Figure 27Y10.3. Reconcile Step Two.

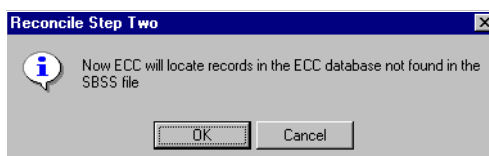
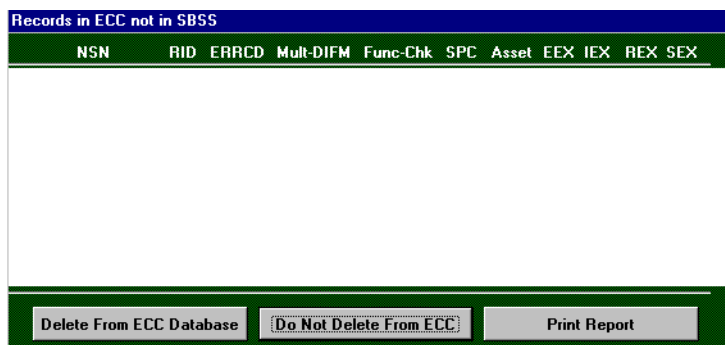


Figure 27Y10.4. Records in ECC Not In SBSS.



27Y10.3.3. The third step will give you a message "ECC will check for unmatched data fields between related SBSS file records and ECC database records". This gives a list of unmatched data between the SBSS file and ECC database.

Figure 27Y10.5. Reconcile Step Three.

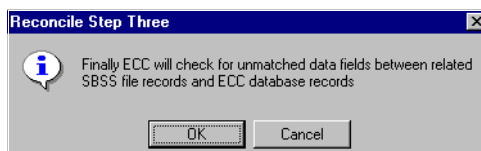
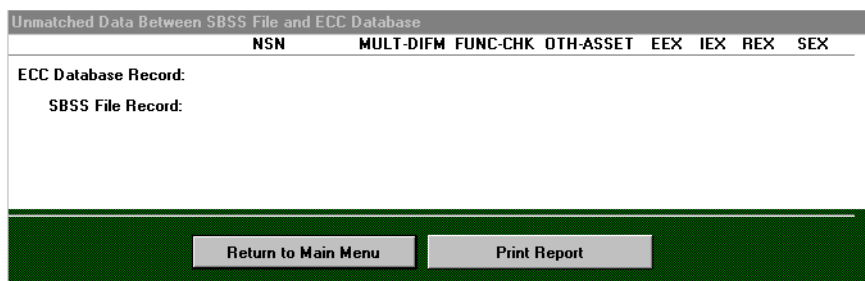


Figure 27Y10.6. Unmatched Data.



ATTACHMENT 27Y-11

UPLOAD TO SBSS FILE

27Y11.1. Purpose. To upload data files from the ECC program to the SBSS.

27Y11.2. Access. Access to this option is from the main menu., Click on the "Upload to SBSS File " option, or tab down to option.

27Y11.3. PPC and SCD Upload Complete Screens. The following screens will be displayed once you have clicked on this option.

Figure 27Y11.1. PPC Upload Complete.

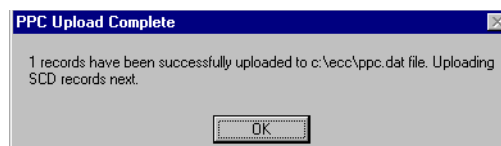
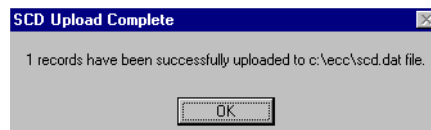


Figure 27Y11.2. SCD Upload Complete.



27Y11.3.1. If no parts preference code (PPC) or stock control date (SCD) table or records are loaded, then you will get an error message. If all goes well with this option, then you will receive an "SCD" upload complete message.

27Y11.3.2. All data files are created under the ECC directory of C:\

SBSS.DAT

ECC.DAT

SCD.DAT

ATTACHMENT 27Y-12

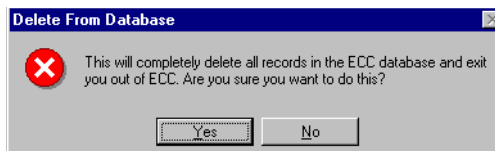
RESET ECC DATABASE

27Y12.1. Purpose. To allow user to delete all database records.

27Y12.2. Access. Access to this option is from the main menu., Click on the "Reset ECC Database" option, or tab down to option.

Once this option has been selected, the following message box will be displayed.

Figure 27Y12.1. Delete From Database.



27Y12.2.1. After you select the "Yes" response, this option will completely delete all records in the ECC database and exit you out of the ECC

